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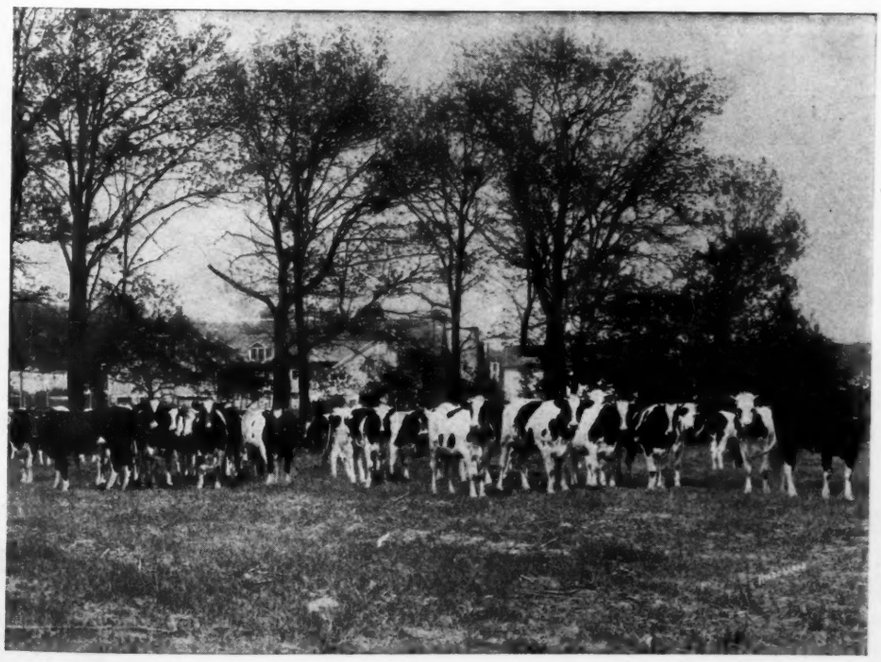


Application made at the Lacona, N. Y., postoffice for entry as second class matter.

KING SADIE VALE SUPREME

A SON OF THESE CHAMPIONS

His Sire

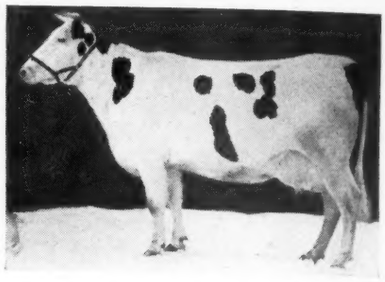
King Korndyke Sadie Vale

Known from coast to coast as the greatest sire of his age. The sire of no less than 35 A. R. O. daughters, five of them above 30 lb., one above 40 lb. as a 3-year-old. He is the only bull in the world with a 40-lb. dam and a 40-lb. daughter. He is the only bull with a 40-lb. dam, a 40-lb. sister and a 40-lb. daughter, and he is the only bull with a 40-lb. daughter with an average of over 39 lbs. for his two nearest dams.

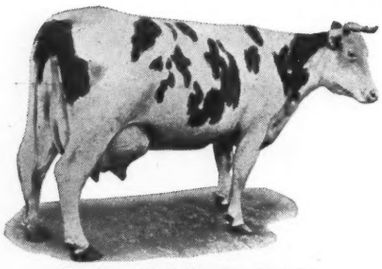
Ready For Service

His Dam

K K S V Topsy



K. K. S. V. Topsy is the only 3-yr-old in the world that ever made over 40-lb. butter after dropping twin calves. Her record is 40.38 lb. butter from 568.4-lb. milk. She is sired by King Korndyke Sadie Vale and is from a 33-lb. cow that is by a son of the first 37-lb. cow and is a sister to the first 40-lb. heifer, Mabel Segis Korndyke.



Pontiac Clothilde De Kol 2d

Sadie Vale Concordia 4th

Mabel Segis Korndyke

He traces twice to **Pontiac Clothilde De Kol 2d** the first 37-lb. cow and first cow to produce 1000 lb. butter fat.

He traces twice to **Sadie Vale Concordia 4th** with 41.06 lb. and dam of a 38-lb. daughter and herself from a 30-lb. dam.

His sire and the sire of his dam are brothers to **Mabel Segis Korndyke,** the breed's first 40-lb. heifer.

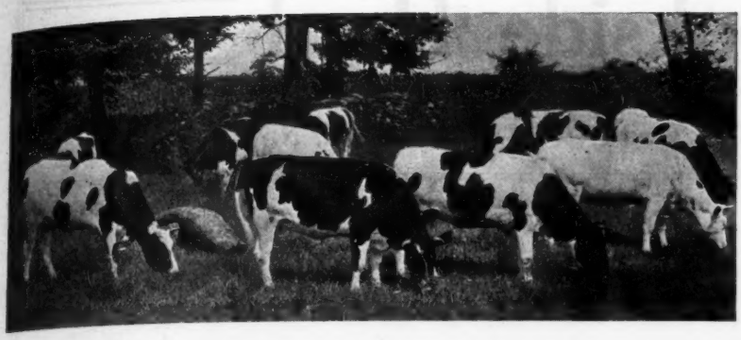
If you want to purchase what is positively the best bred young bull on the market today—correspond with me without delay.

His 2 nearest dams average.....40.72
His 3 nearest dams average.....38.18
His 4 nearest dams average..38.90
His 5 nearest dams average 38.56
His 6 nearest dams average 37.24
His 8 nearest dams average 37.23
His 9 nearest dams average 36.50
His 10 nearest dams average ...35.81

BROTHERTOWN FARMS

Q. McAdam, Owner

23 So. Street **Utica, N. Y.**



For Sale

By Private Treaty

75 High Class Healthy Holstein Females

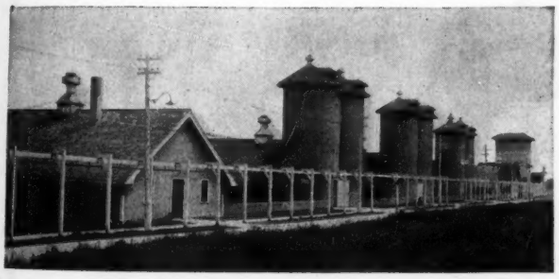
The Beaver Dam Herd has reached such proportions that it can no longer be comfortably maintained within its present housing quarters and this is the first opportunity any breeder has ever had to come and select from

Seventy-five of Our Clean, Healthy, High Class
Young, Well Bred Females

They are the surplus of a great producing herd and in calf to sires of proven worth. Do not ask for details. Visit the herd and see for yourself.

Beaver Dam Farm **Montgomery, N. Y.**

Julius Schmid, Owner



Two More 1000-lb. Cows

LENA DE KOL 3d

Butter 1178.49
Milk 26768.80

CADDY MUTUAL DE KOL

Butter 1128.79
Milk 24449.10

Our Ten Best Records Average:

Butter 1107.4
Milk 25957.5

Our Twenty Best Records Average:

Butter 987.23
Milk 24017.00

CLEVELAND CITY FARM

WARRENSVILLE, OHIO

L. H. MOULTON, Farm Supt. H. L. STARKEY, Charge of Cattle

Established **Brookside Herd** in 1876

The Fountain Head of Holstein Aristocracy

R. J. STEVENS, Owner, -:- Liverpool, N. Y.

Come to Brookside Herd

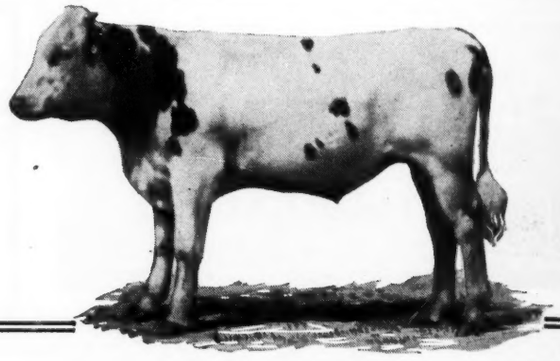
and see for yourself the type of cows that make up this herd. Brookside needs no introduction to those who are familiar with Holstein History but right here I want to say that never in all our years of breeding has the herd consisted of animals of such uniformly fine individuals as at present; just the kind every breeder likes to look at—fine top lines, level udders, with well placed teats—in fact animals of ideal dairy conformation. If you are looking for females this is the type that will interest you. If it is young stock that you want, this is the type cows that you want such stock to be from, and when it comes to prices, they'll suit you, too.

If You Want a Bull

I know I can meet your needs. I have three fine sons of King Model and you know his dam is Mabel Segis Korndyke, 40.32 at four years. Two of these young bulls are from daughters of King of the Pontiacs, one with over 28 lbs. from three teats and the other from a 21-lb. first calf dam. The third calf is from a 19.88-lb. cow and her grandam has over 33 lbs. They are all ready for service.
I also have a number of young bulls from my herd sire Sir Pontiac Waldorf Pietje whose dam Lady Waldorf Pietje is just the best cow I ever laid my eyes on. At four years she made 36.31, at five years 35.39 and at three years 32.29 all in junior form. These calves are just the nicest thing you ever saw. I say so and I know you'll agree with me if you look them over and I'll make prices so you can't afford not to own one.

Today is the day to write me—"nuf ced"

World's Records In This Bull's Pedigree —



FOR SALE

VON HEIM SIR HARTOG ORMSBY

TWIN No. 214248

The dam is a 31-pound cow of great dairy type and has a number of remarkable records. She has two daughters (twins) that have just made wonderful records both tested at 26 months, and averaging 25.95 pounds butter, 5.2 per cent butterfat. The dam has a 31-pound full four-year-old sister and is by a brother of the sire of Duchess Skylark Ormsby, the world's champion cow for yearly butter production, while her sire is brother to Pietertje Maid Ormsby, twice a world's champion for thirty-day butter production.
The sire has two A. R. O. daughters that at 28 months averaged 25.98 pounds butter, 455.4 pounds milk; one daughter is a 31-lb. heifer at 30 months. He is by the wonderful sire Aaggie Cornucopia Johanna Lad, the best son of the former world's champion Aaggie Cornucopia Pauline, 34.32 pounds butter in seven days, world's record when made and only cow with record above 30 pounds to have 30-pound daughter, granddaughter, great granddaughter, the latter with two 30-pound daughters, each with a 30-pound daughter. The sire's dam is by the great Colantha Johanna Lad, and twice made over 29 pounds butter in seven days.

This bull is mostly white, a faultless individual, and is bound to make a great sire. His sisters are making tremendous records, and the daughters of his dam are by a Colantha bull showing that Von Heim Sir Hartog Ormsby has a remarkably successful nick of breeding in his pedigree. that is bringing desired results.

VON HEIM FARM, KENT, WASH.

J. VON HERBERG, Owner
M. J. WALTHER, Supt.

Study the Breeding of This Fellow!

His Dam:

Look at her junior 2-year-old record! 27.43 lbs. which at the time of making was second largest in the world and made her champion over the Dominion of Canada. Then as a junior 3-year-old she came back and made 29.99-lb. butter in 7 days and 122.56 lbs. in 30 days thereby becoming leader in her class for the fiscal year 1916-1917. And then as a 4-year-old made 30.24 lb. from over 500-lb. milk.

Note her picture taken when a young heifer. Her individuality is in keeping with her wonderful performance.

His Sire:

Our great Champion Echo Sylvia Pontiac, brother to the $106,000 calf and son of May Echo Sylvia, the greatest milk producer in the world. His sire, a son of the first 44-lb. cow and sire of a 30-lb. 2-year-old. Champion Echo Sylvia Pontiac has a string of daughters the equal of which, in point of individuality, we have never been privileged to see. When they reach maturity there can be no question of their producing power.

THIS FELLOW is going to be sold RIGHT OFF at a price that will move him quickly. This Is Your Opportunity.

AVONDALE FARM

BROCKVILLE, CANADA

A. C. HARDY, Owner **H. LYNN, Herd Manager**

Beautiful Individual—Born Jan. 24, 1918

Champion Echo Sylvia Pontiac, 23381
The records of his dam and sire's dam average:
Butter 7 days 42.60
Milk 795.90
Butter 30 days 170.60
Milk 3356.70
The records of his eight nearest dams average:
Butter 7 days 32.41
Milk 652.26
A royally bred young son of the $15,000 bull, Spring Farm Pontiac Cornucopia.
The dam, May Echo Sylvia, is the greatest milk producer the world has ever seen, holding all world's milk records over all ages and breeds from 7 to 100 days. She produced over 1,000 lbs. milk in a week and over 4100 lbs. in a month, and averaged 128.98 a day for 100 days. Her 7-day milk record at 4, 6 and 7 years, average, 881.5 lb. Her full sister, a 33-lb. cow, averaged over 101 lbs. milk a day for 30 days.

Spring Farm Pontiac Cornucopia, 77172
33 A. R. O. daughters—
Glen Al. Twee. D. K. 2½y 30.99
Millspring Pon. Lass 3y 30.22
6 others from 20 to 28.1 lb.
5 A. R. O. sons
By a son of Aag. Cornu. Joh. Lad, whose 106 A. R. O. daughters include 2 with 30 and 32.1 lb.
49 others from 20 to 29.4 lb.

May Echo Sylvia, 11385
Butter 7 days 41.01
Butter 30 days 169.70
Butter 60 days 323.31
Butter 90 days 463.67
Butter 100 days 505.34
Milk 1 day 152.10
Milk 7 days 1005.80
Milk 30 days 4196.90
Milk 60 days 8220.10
Milk 90 days 11,855.10
Butter 100 days 505.34
Butter 6 years 7 days 36.33
Butter 4 yr 7 days 33.94
Milk 1 year calving at 23 mo. .17770.00

Belle De Kol Pietje, 25363
At 4 years—
Butter 30.24
Milk 511.8
Butter 30 days 121.32
Milk 2174.9
At 3 years—
Butter 7 days 29.99
Butter 30 days 122.56
At 2 years 2 mos—
Butter 27.43

Prince Hengerveld Pietje, 8239 (50582)
24 tested daughters—
Lady Waldorf Pietje 4y 36.31
Milk 736.70
Belle Model Pietje 4y 36.13
Speckle Pietje 33.32
Pietje Paul. Heng. 5y 32.70
Pietje Inka Piet. 4y 30.77
Lyndale P Abbekerk 30.01
Avon Belle De Kol Piet. 4y 30.24
12 others from 20 to over 27 lbs.
2 A. R. O. sons

Belle De Kol Korndyke, 8857 (61902)
At 2 years—
Butter 21.67
Milk 495.10
Dam of—
Belle De Kol Pietje 30.24
Belle K K Pontiac at 2 y 23.28

OPPORTUNITY

— IS —

Knocking Knocking Knocking at Your Door

Green, the world's greatest Holstein benefactor, will sell sons of King Champion Rag Apple, the world's greatest sire of individuality, on the following terms: Three equal payments for approved notes payable one, two and three years from date of purchase.

Just think for yourself—most people let others think for them. Always keep in mind your success as a Holstein breeder depends almost entirely upon the kind of a sire used. Do you know of a real successful breeder who does not owe his success to some great bull that at some time has sold at a very reasonable price? Did you know that Rag Apple Korndyke 8th, (advertised as the greatest bull in the world), once sold for less than $1000? And scores of other great bulls have been sold for no greater amount.

We have several sons of KING CHAMPION RAG APPLE, and every one a nice, straight topped, well grown fellow, ready for service, that can be had for $1000.

BUY A SON OF KING CHAMPION RAG APPLE and your success is practically assured.

WALNUT CREST FARMS

P. O. Middlefield, O. A. W. GREEN, Prop. R. R. Sta., E. Orwell, O.

40 + 43 POTENTATE

"He Is All That His Name Implies"

Sired by

Cornucopia Korndyke Pontiac

From

Leafy Veeman De Kol 40.10

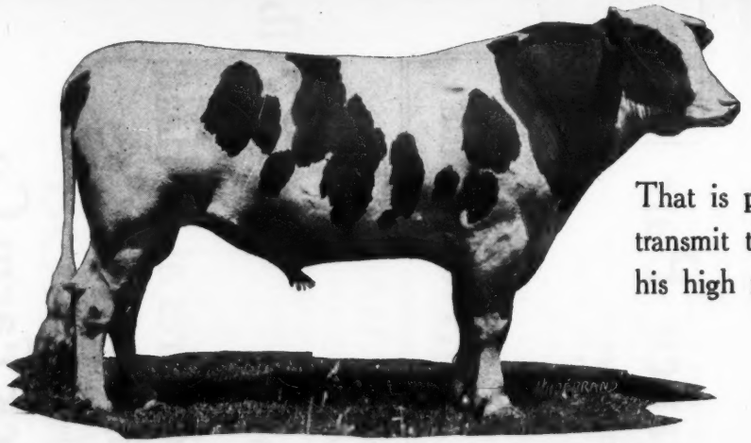
She from

Leafy Dawn De Kol 43.19

Don't You Agree He Combines Breeding and Individuality?

E. P. & C. J. GEORGE **ARCADY FARM** Chaffee, N. Y.

The Bull Without a Doubt



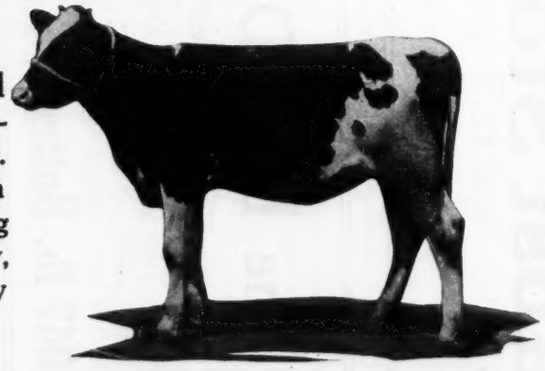
That is producing his great individuality in his offspring is sure to transmit the great producing qualities which he has inherited from his high record ancestors.

This is not a guess when a sire can produce a calf like this from a dam like this.

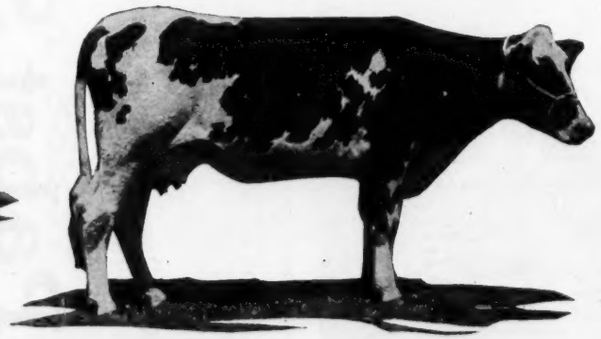
KING PONTIAC HENGERVELD FAYNE

The Sire

THIS is the kind of a bull to breed to if you want results such as shown here. There are a lot of good high record cows, that their offspring should bring a lot more money, but don't. Why, because they lack individuality.



The Calf



The Dam

Belevidere PEQUEST FARMS New Jersey

PABST STOCK FARM'S NEW CALF HOTEL

This picture represents another example of retarded construction due to war conditions. When completed it will accommodate fifty calves, providing a tight, sanitary compartment for each calf.

Complete details of this ideal structure for rearing young calves will be given when completed.

10% Discount

Construction on this new building was temporarily held up with the result that our present calf quarters are badly crowded.

To relieve this situation we are making a special inducement to buyers by pricing our young bulls at a **10 per cent discount** during the month of **December.**

Sons of **King Pontiac Champion** and **Korndyke Segis Johanna** will therefore be listed at prices not heretofore quoted.

Pabst Stock Farm

Dept. F **Oconomowoc, Wis.**

Pontiac Aaggie Kerndyke

The Long Distance Pair

Friend Hengerveld De Kol Butter Boy

Ten of Their Daughters
Have Produced
in ONE YEAR

12,047 lb. Butter **234,443 lb. Milk**

IT'S THE AVERAGE THAT COUNTS

1204.7 lb. Butter **4.1%** **23443.7 lb.** Milk

No Other Herd Has Two Such Sires at Its Head

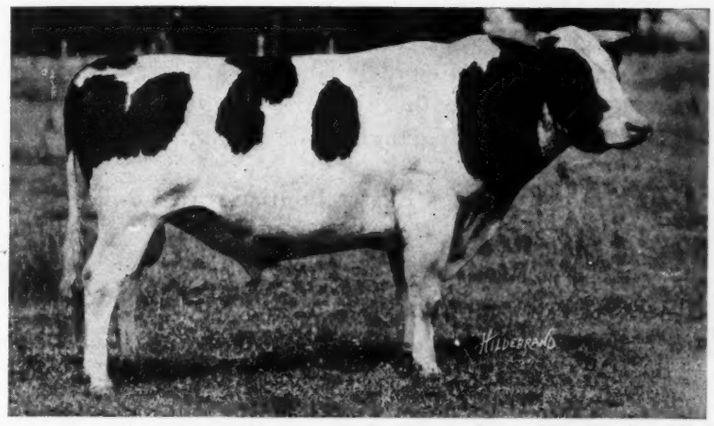
Meet Success Through a Maplecrest Bull—

Charts and Information for the Asking

The Maplecrest Stock Farm Co.

CHARDON, OHIO

4% Butter Fat Average 4%



KING QUALITY No. 88237

The Senior Sire at

Bonalevo Farms

The combined average per cent of butter fat of all the A. R. O. daughters of King Quality is better than 4 per cent.

His list of A. R. O. daughters is headed by a 30-lb. 4-year-old and a 29.75-lb. 3-year-old.

His dam was a 30-lb. daughter of a 31-lb. cow. The average per cent fat for his dam was better than 4, and her dam better than 4.7 per cent.

Likewise his sire's dam and sire's sire's dam were both better than 4 per cent cows. He is a double grandson of Abby Hartog Clothilde who heads a direct line of three generations of 30-lb. cows. His sire was a son of Colantha Johanna Lad the only century sire with a 35-lb. 4 per cent dam. If you want butter fat just fall in on the King Quality line. His get, as has been proven, all have it. We have a few of his young sons to offer.

SPECIAL HOLIDAY BARGAIN

King Quality Mutual De Kol No. 239209

Born Jan. 11, 1918.

Sire—King Quality.

Dam—Bonalevo Walker Mutual De Kol, 28.85 lbs. butter, 482.6 lbs. milk. She is a granddaughter of Admiral Walker Pietertje who has four 30-lb. daughters and 60 A. R. O. daughters.

This bull is well grown, nicely marked, a good individual, tuberculin tested and right in every way. Price only $350.00.

We are desirous of securing an experienced man to feed and milk test cows. Party must furnish good references. Good wages to right man.

BONALEVO FARMS

BATAVIA, N. Y.

R. E. CHAPIN & SON, Props. **E. E. POOLE, Mgr.**

A SON OF THE GREAT KING LYONS

This youngster (born January 2, 1918) is a son of King Lyons, with six 30-lb. daughters and he from the famous Segis Betta by a son of Colantha 4th's Johanna. The Moyerdale Herd is very largely made up of daughters of King Lyons and within the next few years he should have a very much longer list of 30-lb. daughters.

The dam of this calf is Segis Ekster Pontiac with a 7-day record of 29.91 lb. and a 30-day record of 116.34 lb. butter made as a junior 3-year-old. She is sired by one of the good sons of King of the Pontiacs from a 27.81-lb. cow that is by a son of King Segis. **A great combination of breeding. Write today.**

MOYERDALE FARM Syracuse, N. Y.

H. A. MOYER, Owner **JAS. GILLETTE, Supt.**

From a 29-lb. Granddaughter of King of the Pontiacs

WHY

Pleasant Hill Herd Is Still in the Lead
Pleasant Hill Herd Is the Place From Which to Buy Your Next Herd Sire.

Because—

Although our herd is comparatively small, we rank FIFTH as breeders of Association prize winners for milk and butter appearing 27 times in the list. No other herd of equal size can approach this showing.

Because—

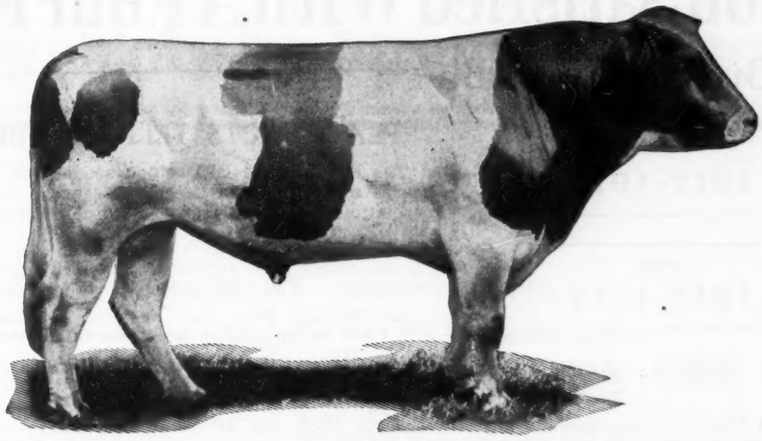
It is the home of two of the greatest sires of the breed—

SIR VEEMAN HENGERVELD—our senior sire—is world famous. Hale and hearty at the age of 14 years he is one of the two living century sires. He has sixteen 30-lb. daughters, more than any other living sire. He has three daughters with over 23,000 lb. milk in a year and over 1000-lb. butter. His granddaughters do equally as well, a number making over 30 lb.

KING KORNDYKE SADIE VALE—our junior sire—regarded as the greatest sire of his generation. His daughters, still heifers, are making wonderful milk and butter records. One, K. K. S. V. Topsy made over 40-lb. as a three-year-old. He also has two 30-lb. 3-year-old daughters and two 30-lb. four-year-old daughters. The youngest 29-lb. heifer is also one of his daughters. His dam and both grandams were former world champions.

A few fine young bulls from these herd sires to offer.

W. D. ROBENS POLAND, N. Y.



King Segis Pontiac COUNT

Through a combination of circumstances King Segis Pontiac Count has but two dozen daughters that have been tested. Twenty of this number have heifer records ranging from 20 to over 37 lb., the twenty daughters averaging 26.2 lb. butter, 592.44 lb. milk. One heifer, the oldest one, made her record at just past four years, 34.13 lb. butter, 772.8 lb. milk, the milk record being the largest ever made in the United States. Eleven made their records as three-year-olds, and include a 37-lb. junior that milked 713.5 lb., a combination World's Record; a 35-lb. senior that milked 768.8 lb. a World's milk record for all periods up to 120 days; and a 32.9-lb. junior. The eight two-year-olds include five with records of 26 to 28.5 lb., and it is worthy of note that two of the three-year-olds mentioned also have records as junior two-year-olds each above 28 lb. No other sire of the breed, regardless of his age or the number of daughters tested, has more than one 28-lb. junior two-year-old daughter. King Segis Pontiac Count has three juniors and one first calf senior all above 28 lb. No other sire has two three-year-olds with 7-day milk records each above 700 lb. or three 700-lb. daughters all under full age.

His six daughters, all that have thus far been tested for the year, average 1050 lb. butter, 23,450 lb. milk, at an average age of only 3 years, 1 month, 10 days. Outside of the daughters of King Segis Pontiac Count there is but one heifer of the breed in the junior 3-year-old class, that can equal this average for both milk and butter, and that one is Finderne Holingen Fayne, who made her record at 3 years 4 months. Only two heifers under four years old equal the average in both particulars, the second heifer aside from the one already named.

His daughters hold a greater number of present World's Champions than can be claimed for the daughters of any three other sires of the breed, the total for his three nearest competitors being twelve, or one less than the total for King Segis Pontiac Count alone.

ARDEN

J. M. HACKNEY

King Segis Pontiac SUPERIOR

A Full Brother to the Famous Sire

KING SEGIS PONTIAC COUNT

He inherits 100 per cent of the same great qualities that are making King Segis Pontiac Count one of the very greatest sires the breed has ever known. Their sire, King Segis Pontiac, a son of the breed's first 1000-lb. butterfat cow, with his list of 97 daughters will unquestionably become one of the next century sires. Their dam, K P Lilith Clothilde, as famous a daughter as King of the Pontiacs ever sired has a year record of 1043 lb. butter, from 22,229-lb. milk, which record at time of making was a world record in the class. His daughters of which we have a number, will be given an equal opportunity with those of his full brother. As time goes on his sons will be of infinitely more value than the price on them at present.

SUPERIOR SONS FOR SALE

1. **SUPERIOR PONTIAC** (Born Nov. 22, 1917). Sired by King Segis Pontiac Superior, from Eureka Pontiac Mabel with a senior 3-year-old record of 25.88 lb. butter from 427.0 lb. milk in 7 days and a 30-day record of 107.18 lb. butter from 2049.8 lb. milk in 30 days. She also has a 20-lb. junior 2-year-old record and is sired by King Pontiac Royal (36 A. R. O. daughters) he by King of the Pontiacs from a daughter of Hengerveld De Kol. The second dam of this bull is a 24.48-lb. granddaughter of Butter Boy Pietertje with three A. R. O. daughters.

2. **SUPERIOR PONTIAC ROYAL** (Born Oct. 22, 1917). Sired by King Segis Pontiac Superior, from **Eureka Pontiac Corabel**, a 3-year-old daughter of King Pontiac Royal (see No. 1 for information on this sire) with a record of 21.41 lb. butter from 443.6 lb. milk. Her dam is a 24.15-lb. 4-year-old granddaughter of Butter Boy Pietertje from Corabel Burton Pauline with a record of 22.56-lb. butter and dam of 3. A. R. O. daughters. An unusually well bred calf.

FARMS

St. Paul, Minn.

Are You Satisfied With A Four Flush?

You Ought Not To Be

FOR
1917-1918

FOR
1916-1917

PLAIN FACTS TELL YOU BETTER

The STEVENS HERD stood second for the total sum of prize money won in the regular prize divisions of the Association (Far outclassing all other Eastern Herds).

The STEVENS HERD stood second for the total sum of prize money won in the regular prize divisions of the Association. (Far outclassing all other Eastern Herds).

For the past three years no other herd has averaged to stand as high in the list of money winners.

WE STOOD SECOND AS BREEDERS OF WINNERS OUT DISTANCING ALL OTHER EASTERN HERDS

Don't Classify Us by Our Advertising—We're Different.

Perhaps you have not thought of us just as you should. It is very likely there is no other breeding establishment run like ours. We don't dry them up early and fatten them for the sake of say 60-lb. in a week. We have no secret methods, we have no high salaried fitters and feeders. This is a real dairy farm and not an advertising investment.

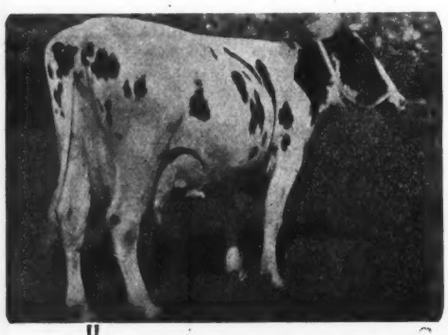
If we were less modest we might claim to be the leading Holstein establishment when judged by the production of the cattle we breed and sell. They deliver the goods for us and they will for you.

Spring Farm King Pontiac 6th **OUR ADVANTAGES OVER OTHER BREEDERS** Forty Years Start of Breeding The Best in Holsteins

Both are advantages you can get in your next bull if you come here and look them over. That's your best play.

Est. 1876 **HENRY STEVENS & SON** 175 Head
LACONA, N. Y.

The home of Spring Farm King Pontiac 6th, the bull that puts degree in pedigree.



HIS 40-lb. FULL SISTER

A Full Sister to our Herd Sire

KING PONTIAC KONIGEN

The Only Living Sire with Two Daughters Under Full Age Averaging 40 lb.

King Pontiac Konigen is a son of King of the Pontiacs (28 30-lb. daughters) from Diona Konigen Pietertje, a 37-lb. cow and dam of two daughters both above 36 lbs. He is a full brother to K P Diona Pietertje, with a record of 40.12 lb. and she the dam of King Segis Pontiac Konigen and Majestic Rag Apple both of which sold for $35,000 each.

One of his daughters holds the world champion junior 4-year-old record and three others have made better than 30-lb. He with his sire and grandsire are the only three direct generations of sires each of which have sired a 30-lb. daughter.

We are in a position to offer sons of this sire.

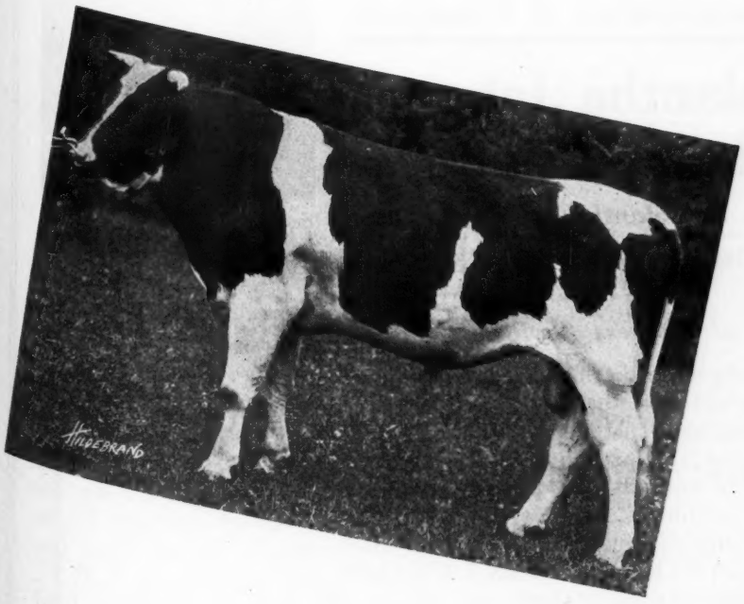
WOODLAWN DAIRY **LINCOLN, NEB.**

The Power of the Strongest Forces

BROAD MEADOWS FARMS

P. T. BRADY
Owner

PAWLING NEW YORK



Breed Your Best

To a Sire of this Quality and Enjoy a World-wide Reputation.

Fee

$300

Is Always Apparent in the Result

DAISY HILL KORNDYKE KING 236759

Born April 17, 1918

Sire: **Maplecrest Pontiac Burton**, a son of Pontiac Aaggie Korndyke and Lady of Burton De Kol.

Dam: **Pauline Brightview** a granddaughter of Mutual Pietertje Paul with these records:

Butter	28.35
Milk	582.10
Butter	108.62
Milk	2362.60

Pauline Brightview, one of the greatest cows in the Daisy Hill herd, is now on year test, strictly official, and in 192 days has produced 641 lb. butter and 15266 lb. milk. She should make close to 1200-lb. for the year. She is the dam of our herd sire, King of the Pontiacs Son therefore you may judge our opinion of her.
This youngster is about evenly and very nicely marked.
Photo and pedigree on application.

DAISY HILL FARMS

JAS. A. REYNOLDS

Chagrin Falls **Ohio**

UNCLE SAM INSPECTS OUR HEALTH

EVERY ONE A DAISY

DUCHESS SKYLARK ORMSBY
The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,-761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

A Combination of Champions

Colantha Johanna Champion 45674

Son of Colantha 4th's Johanna

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby

COLANTHA 4th's JOHANNA
Her butter records in all classes were world's records when made. Her figures are:

	But. lbs.	Mk. lbs.
7 days	35.21	651.70
30 days	138.54	2873.6
8m. after calv.	21.6	478.6
365 days	1257	27,432.

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4th's JOHANNA, and the present world's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

EMBLAGAARD DAIRY **Marquette, Mich.**

FRIESLAND FARM

Offers the following young bulls, outstanding individuals, well grown, straight over the back, long and deep bodied and splendidly bred

EVERY ONE FROM A 30 LB. DAM

No. 1 (Born January 1, 1918). Sired by Rag Apple Korndyke Boon, a promising son of Rag Apple Korndyke 8th and Fairview Korndyke Boon, a 32-lb. junior 4-year-old daughter of Pontiac Korndyke. Rag Apple Korndyke Boon's first four daughters all made better than 20 lb. up to 23.25 lb. His 70 daughters now in our herd will all be retained and developed before being sold. Dam: Dora Sarcastic. Butter 32.19 lb. from 538.9 lb. milk. A splendid straight cow and sister to Niva Kalmuck 45.18 lbs.

No. 2 (Born January 31, 1918). Sire: Rag Apple Korndyke Boon (above). Dam: Kalmuck Skylark Clyde. Butter 31.16 lb. from 579.5 lb. milk in 7 days and 125.61 lb. butter from 2325.5 lb. milk in 30 days as a 4-year-old. She is also a sister to Niva Kalmuck 45.18 lbs. This bull is exceptionally showy, largely white in color and will make a great sire for someone.

No. 3 (Born February 6, 1918.) Sire: Rag Apple Korndyke Boon (see above). Dam: Segis De Kol Johanna 2d with 30.23 lb. butter from 528.4 lb. milk and sister to two 32-lb. three-year-olds. She is sired by King Segis Lyons from a sister to the famous Niva Kalmuck 45.18 lbs.

No. 4 (Born March 11, 1918.) Sire: Rag Apple Korndyke Boon (see above). Dam: Omaha Wayne Kalmuck, with a junior 4-year-old record of 30.06 lb. butter, which record she is capable of increasing very materially. She is also a sister to Niva Kalmuck 45.18 lbs. This bull is largely white and an exceptional individual.

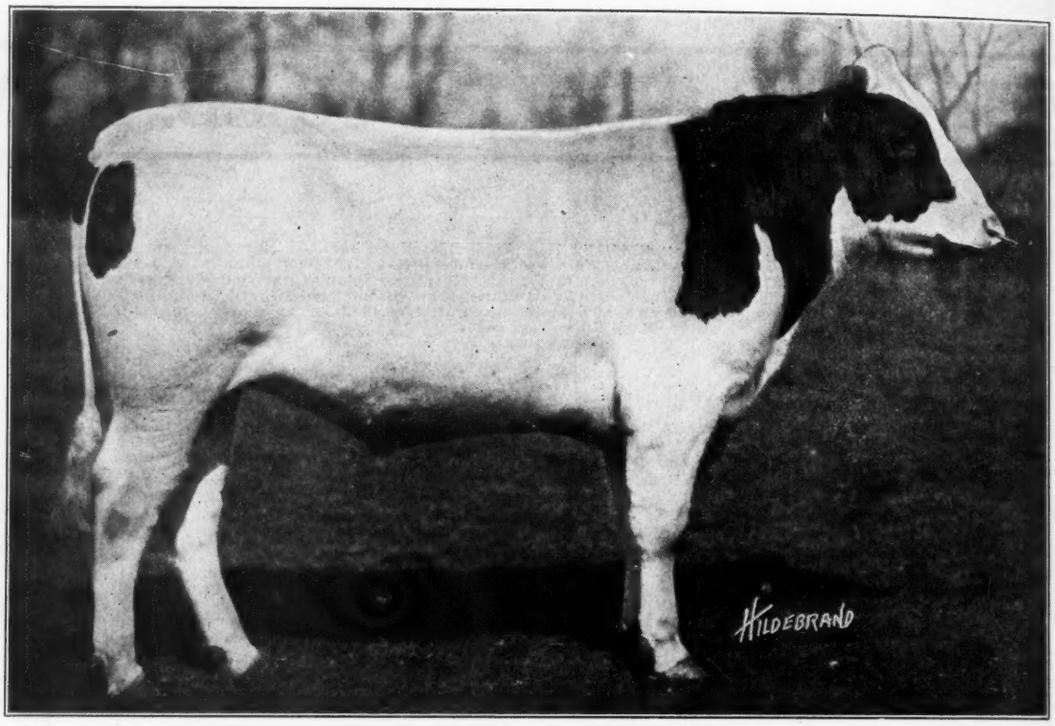
No. 5 (Born April 4, 1918.) Sire: Rag Apple Korndyke Boon (above). Dam: Colantha Gladi Parana. Butter 31.72 lb. from 624.6 lb. milk. She by Sir Johanna Colantha Gladi (by Colantha Johanna Lad from Pontiac Gladi 32 lb. by Hengerveld De Kol) from a daughter of Belle Pietertje Hengerveld Prince. A big strong cow and a great dam for a herd sire.

No. 6 (Born April 10, 1918.) Sire: Rag Apple Korndyke Boon (above). Dam: Miss Lotta Kalmuck with a record of 30.05 lb. butter from 541 lb. milk and she in turn from Lotta Clyde (by Sir Clyde) that was Nebraska's first 30-lb. cow with her record of 31.33 lb. butter from 709 lb. milk. The four nearest dams of this fellow are all 30-lb. cows and average 32.89 lb. butter. Remember also his dam is a sister to Niva Kalmuck 45.18 lb.

These Bulls are Guaranteed Breeders and Guaranteed Against Tuberculosis For Sixty Days.

Friesland Farms B. B. DAVIS, Owner HENRY STUBBE, Mgr. **Omaha, Neb.**

The World Wonder Bul



RAG APPLE THE GREAT

His dam is the ONLY 50-lb. cow.

His dam is the ONLY cow in this country that has made over 30 lb. of butter in seven days five different years.

His dam now has FOUR A. R. O. daughters, one 47.35 lb., one 34.54 lb., one 31.51 lb. as a four-year-old and one 22.01 lb. as a first freshening two-year-old.

His dam is the ONLY cow with three 30-lb. daughters whose dam also has three 30-lb. daughters.

And he is the ONLY son of the ONLY 50-lb. cow.

WHY NOT PLAN TO HEAD YOUR HERD WITH A SON OF THIS WONDERFUL YOUNG SIRE? WE ONLY HAVE A COUPLE SO FAR BUT THERE ARE OTHERS COMING.

OLIVER CABANA, Jr. **PINE GRO**

and His First Two Sons

Bull born August 28, 1918. Sire: Rag Apple the Great, "The World Wonder Bull."

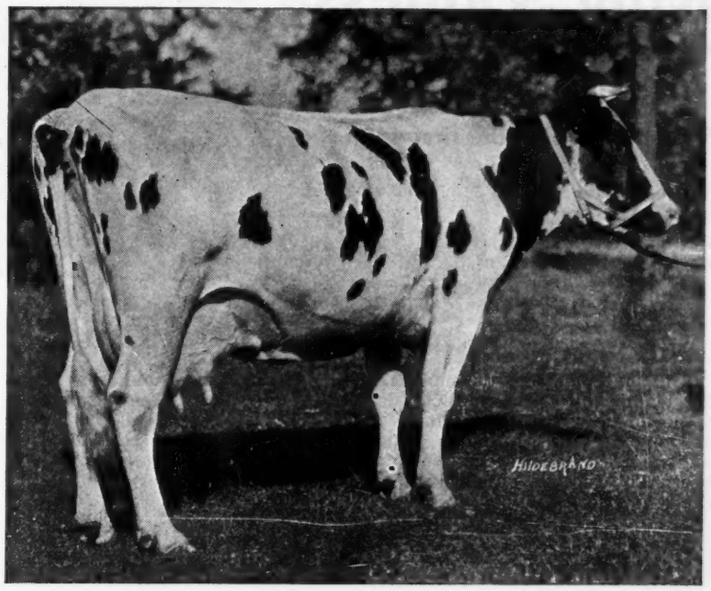
Dam: K P Diona Pietertje →

Butter 7 days ..... 40.15 lb.
Milk ..... 825.60 lb.

Dam of
K S P Diona ..... 31.82 lb.

Daughter of
Diona Konigen Pietertje
Butter 7 days ..... 37.44 lb.

Can you beat the average of the two nearest dams of this calf? It is Butter 45.415 lb., Milk 778.2 lb.



HIS DAM

Bull born July 16, 1918.

Sire: Rag Apple the Great, "The World Wonder Bull"

Dam: Mottled Twisk Pontiac Mutual →

Butter 7 days at 4 years ..... 37.37 lb.

Daughter of KING PONTIAC KONIGEN and Mottled Twisk De Kol Mutual

Butter 7 days ..... 31.97 lb.

The two nearest dams of this bull have 7-day butter records averaging over 44 lb., his three nearest dams over 40 lb.

We haven't a photo of her as yet. She is a large light-colored cow with an udder of magnificent size and shape. We will gladly show her to you any time you visit **Pine Grove Farm.**

HIS DAM

The herd or herds he heads will stand right at the head of the procession. Symmetrical conformation, true Holstein type and breeding noted for enormous production are all combined in this grand young bull who is nine-tenths white and fit to head any herd in the world.

E FARMS **ELMA, N. Y.**

The Famous

King Valdessa

A Son of the first 40-lb. Cow
Sired by a son of the first 44-lb. Cow

The records of his dam and sire's dam average:

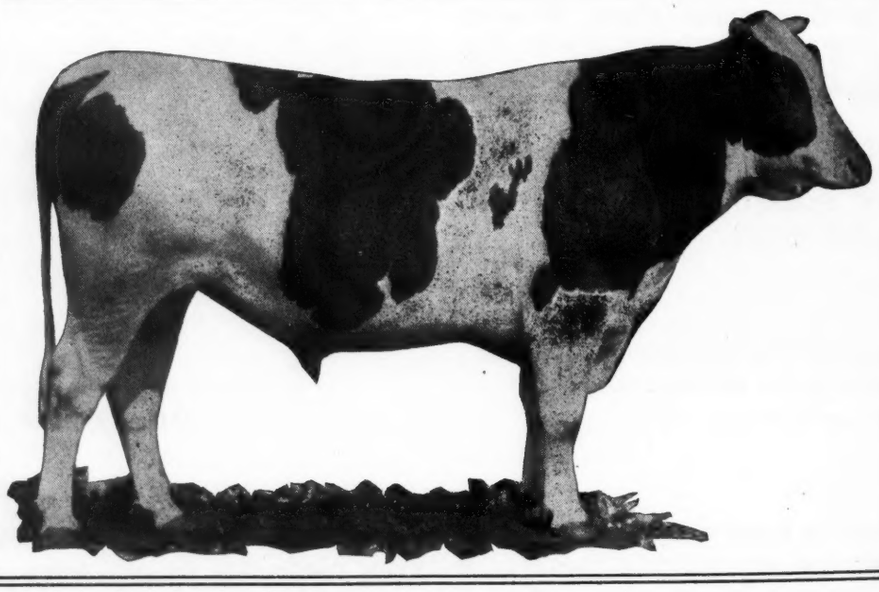
Butter 7 days 43.03
Butter 30 days 167.90

His Sons Head Many of the Best Herds

If you could see his many choice sons that have gone from this herd to take their places at the head of the leading herds of America you would better appreciate the fact it is a son of King Valdessa you must have to be in the "limelight." King Valdessa Pontiac, that heads the Bell Herd is one of his sons and all through the West you will find them in countless numbers. He has been mated with all the high record cows in this herd and we are in a position to supply the very best at all times. If you own a son of King Valdessa, you own the best. The records of his dam, his sisters and the other members of his family are conclusive evidence of their superiority.

Let us tell you what we have and more concerning KING VALDESSA

B. MEYER FINDERNE STOCK FARMS Finderne, N. J.



SPRING FARM KING—Our Herd Sire

The Only Full Brother to the First 44-lb. Cow

A son of King of the Pontiacs and Tweede De K ol Lass.
One of his sons from a high record cow is what you want ; we have one from a 32 lb. daughter of a 44-lb. cow.

F. M. JONES SPRING FARM HERD CLINTON, N. Y.

A NEW NAME IN

HOLSTEIN - FRIESIAN

CIRCLES

You will recognize it. — It's old in history.

The Traverse City State Hospital Herd

It is a source of pleasure to us to be able to greet our many Holstein friends through this special Michigan number and to rejoice with those who had the wisdom to select their foundation animals from this herd. We glory in the success that has come to them and pride ourselves in being able to give to the breed animals that have part in making the breed what it is today. We have in mind:

PONTIAC BUTTER BOY, one of the greatest sires that ever lived.
HOMESTEAD HENGERVELD CROWN DE KOL developed and made in this herd.
JOHANNA DE PAULINE 2d's LAD, selected by the National Association as one of the best representatives of the breed.
ADMIRAL WALKER COLANTHA, Mary Walker Pietertje's great son.
TRAVERSE PRINCE INKA LAD with 12 2-year-olds averaging over 17 lbs.

That the old foundation lines have "lived" is evidenced through the marvelous work of all these great cows that were bred at Traverse:

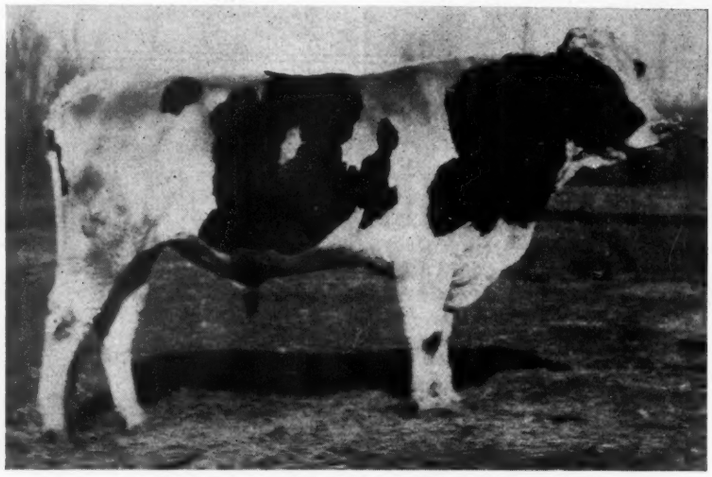
CHANGELING (known the world over) **READY CHANGE** (as famous as her great dam) **SWEET FRIEND AAGGIE** (Michigan's early champion) **SPOTTED LIZZIE 3d, CADILLAC QUEEN 2d, MECHTHILDE JANZEN COLANTHA 4th, TRAVERSE PRINCESS WEG, TRAVERSE PRINCESS INKA and TRAVERSE INKA JOHANNA.**

The foundation of Traverse was laid with a view of the future. It is doing its part for Holstein history and is in the same position today to supply herd sires (we are sold out on females) that will go out and do the same thing their predecessors have done for many, many years past. The same old "good" qualities perpetuated to a degree superlative. We shall be glad to send you charts and pedigrees for the asking.

TRAVERSE CITY STATE HOSPITAL

G. B. PIKE, Steward **Traverse City, Michigan**

UNEEDA KING ALCARTRA



From a 33-lb. Daughter of a 40-lb. Sire and Sired by the $50,000 Bull

FOR SALE

A GRAND INDIVIDUAL, just three years old this month—a pedigree fit for a king.

HE IS A FULL BROTHER to Mr. Moyer's famous junior sire, King Joh. Mr. Moyer's years of experience told him this was the logical sire to follow King Segis and King Lyons.

CAPITALIZE MR. MOYER'S experience and place a sire at the head of your herd that will not only give you a sire of the finest caliber, but will add prestige to your herd through his well known blood lines.

UNEEDA KING ALCARTRA is a son of Uneeda Korndyke Abigal, a wonderful individual with a record of 33.02 lbs. butter from 637.7 lbs. milk.

SHE IS A DAUGHTER of Johanna McKinley Segis, the only 40-lb. son of King Segis. His dam being Johanna De Kol Van Beers, 40.07.

THE NEXT DAM IS Uneeda Netherland Korndyke, a 23-lb. two-year-old daughter of a 25-lb. cow and sired by Korndyke Wayne Paul De Kol, a son of Belle Korndyke, famous as the dam of Pontiac Korndyke.

THE SIRE OF UNEEDA King Alcartra is the $50,000 bull, King Segis Pontiac Alcartra, a sire who needs no introduction to the majority of breeders.

KING'S LIST OF DAUGHTERS now number nearly a hundred and include many with exceptionally high records.

HE IS A THREE-FOURTHS brother to Mr. Hackney's famous sire whose two daughters, Jewel Pontiac Segis and Beauty Beets Walker Segis, have completed World's yearly records.

K. P. ALCARTRA, the dam of King, you will remember, broke the world's records in the three-year-old class by producing 30.87 lbs. in 7 days and 121 lbs. in 30.

SHE IS A DAUGHTER of King of the Pontiacs and Alcartra Polkadot Ormsby, a 31-lb. daughter of Duchess Ormsby Piebe Burke and the 29-lb. cow, Alcartra Polkadot.

THE SIRE OF KING is King Segis Pontiac, the famous son of King Segis and Pontiac Clothilde De Kol 2d, former world's champion with 37 lbs. in 7 days and 1271 lbs. for a year.

BEAR IN MIND that the dam of Uneeda King Alcartra is sired by the only 40-lb. son of King Segis, and that the sire is by his highest yearly record son.

TRACING TWICE, as he does, to King Segis through his two greatest sons, and twice to Pontiac Korndyke through his greatest son and greatest daughter, what naturally may be expected of this grand young bull?

HIS SEVEN NEAREST DAMS, including a two-year-old, average 31.67 lbs. His 24 nearest tested dams average 28.17.

GUARANTEED SOUND. Federal certificate of health furnished.

THE E. C. SCHROEDER FARMS

MOORHEAD **MINNESOTA**

Holstein-Friesian World

Vol. XV Lacona, N. Y., and Syracuse, N. Y., December 7, 1918 No. 49

The Champions of Michigan

By M. S. PRESCOTT

MICHIGAN, the Wolverine State, occupies a notable place in Holstein history. Her fame as the original home of the Pontiac family, D. D. Aitken, and the Ford Car will be undying. She ranks as the fifth greatest Holstein State in point of number of members of the National Association, being exceeded only by New York, Wisconsin, Ohio and Pennsylvania in the order named. Michigan Holsteins have stood near the top since the beginning of official test work. Back in 1894 the Michigan product, Rosa Bonheur 5th became the first cow in the world to produce over 700 lbs. of milk in seven-day official test. In February, 1894, she produced 726.-25 lbs. of milk, which stood unapproached by any cow in the world until 1906, twelve eventful years in the development of the Holstein breed in this country. The same year, Belle Sarcastic, established a world's record for seven-day milk production in the Junior four-year-old class with 548.5 lbs., which stood at the top until 1901 when Lilith Pauline De Kol became the highest record cow of the breed for butter production, and was exceeded only by Rosa Bonheur 5th for milk production. In her full age form Belle Sarcastic made a year's record of over 900 lbs. butter and 23,000 lbs. milk, becoming the first cow to exceed these figures in year work that had even a semblance of official supervision. Her records, as well as those of Rosa Bonheur 5th, were made at Michigan Agricultural College under the most strict supervision and under the supervision of Prof. Clinton D. Smith.

D. D. AITKEN
The leading Michigan champion. President of Holstein-Friesian Association of America.

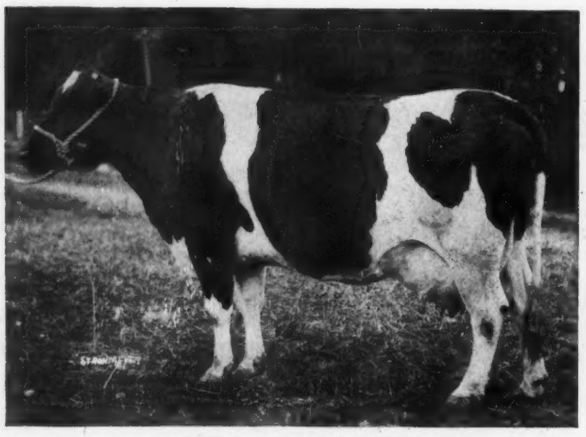
Mention has been made of Michigan as the original home of the Pontiac family. This strain originated at Eastern Michigan Asylum at Pontiac, and this name was adopted as a prefix for all of the animals bred in this herd. This institution is now known as the Pontiac State Hospital and is still carrying out the successful breeding plans which have distinguished its past history. It was in this herd that Hengerveld De Kol and Pontiac Korndyke made their start in life, and here many of their best sons and daughters were bred. Another famous Michigan sire was Pontiac Butter Boy who headed the herd at the Northern Michigan Asylum, now known as Traverse City State Hospital. Pontiac Butter Boy impressed upon his offspring great size combined with heavy milking qualities that have made them famous. Among the younger sires deserving of special mention are Colantha Johanna Champion, the youngest son of Colantha 4th's Johanna, whose daughters are breaking state records with considerable regularity, and Northern Fobes De Kol, who is likewise making an enviable record as a sire of state champions. There are other proven sires in this state which deserve mention here, but lack of space forbids. Michigan also boasts a number of sires and dams with records of forty to forty-three and forty-five pounds, and in one of Michigan's herds, Emblagaard Dairy, there stands in service the only son of the only cow in the world who has produced above 1500 lbs. of butter in a year.

Michigan is fortunate likewise in having one of the strongest State Holstein Organizations in operation. Under the leadership of men like Wentworth, Norton and Aitken, it has taken an active part in the development of the breed in that state and might almost serve as a model of what a Holstein Club should stand for. This genius for organization is also manifested in the Livingston County Holstein-Friesian Breeders' Association with headquarters at Howell, under the guidance of H. W. Norton, Jr., and this county, through its unparalleled organization has become known all over the world as a Holstein center with consequent advantage to every breeder who has co-operated in bringing about this result. Michigan's greatest pride, however, is in her favorite son, Hon. D. D. Aitken, who is now serving his fourth term as the most active and able president of the Holstein-Friesian Association of America.

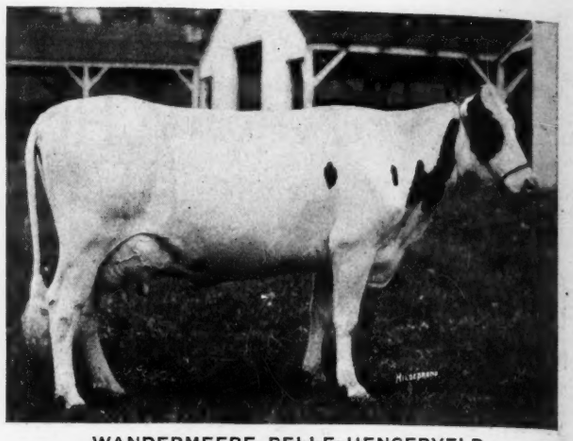
Michigan showed what she could do in 1916, when as host of the Holstein-Friesian Association of America at its annual convention, she set a new standard for others to follow in entertaining this annual gathering. In the same year at Detroit the first of the Moyer sales gave to the breed its first auction sale that could show an average of better than $1100 per head.

M. W. WENTWORTH
Pres. Holstein-Friesian Association of Michigan. Owner of Lakewood Farm.

A study of the present list of champions of Michigan reveals the fact that one of her champions stands as a World's Record producer in her class, while one other has been displaced only within the past few months. We refer to the record in the seven-day division of Wandermeere Belle Hengerveld (42.65 lbs.) The record of Duchess Hengerveld Korndyke with 1129.23 lbs. butter in a year as a senior 3-

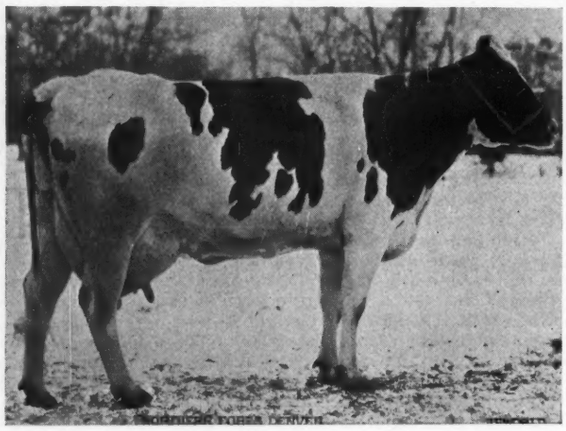


PONTIAC DE NIJLANDER
Michigan State Champion in the thirty-day divisions of both the senior 3 and senior 4-year-old classes.



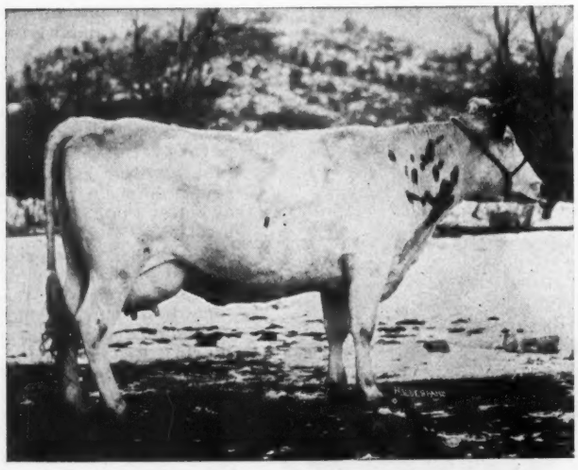
WANDERMEERE BELLE HENGERVELD
Michigan State Champion in both the seven and thirty-day divisions of the junior 4-year-old class.

year-old, stood for several years as a World's Record until displaced in October by the Minnesota heifer, Jewel Pontiac Segis.

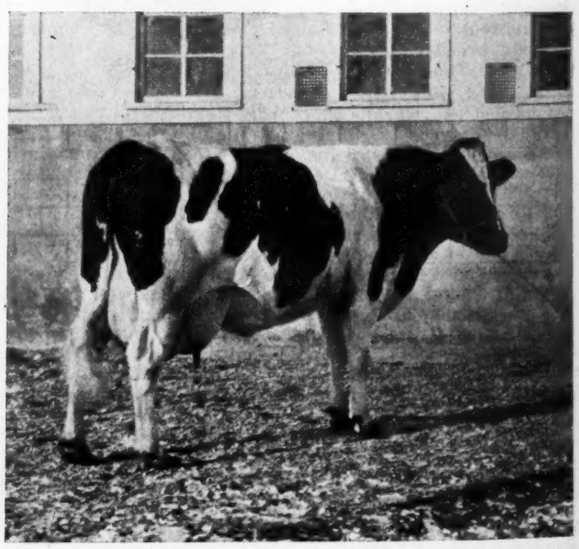


NORTHERN FOBES DENVER
Michigan State Champion in both the senior 4-year and full aged classes.

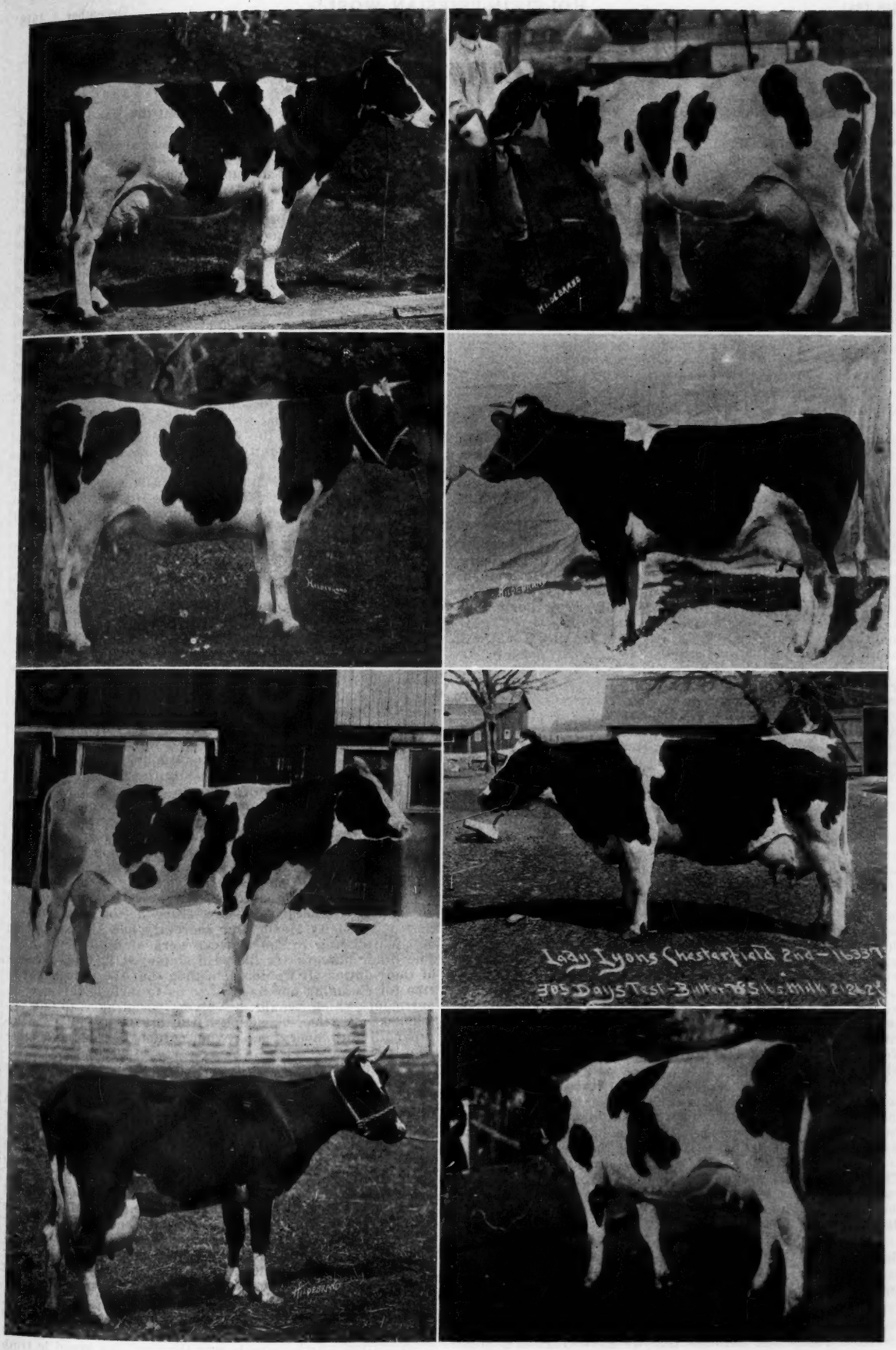
An interesting fact in connection with Michigan Championships is the number of times the same names recur. For instance, Duchess Hengerveld Korndyke holds the State record in the yearly division in the full aged class, in the senior three-year-old class, and until recently was State champion in the junior two-year-old class. She also holds the state record in the eight months after calving division over all ages as a five-year-old. Flint Bertjusca Pauline is the State record senior four-year-old, in the yearly division, although making her 1000-lb. record in only 305 days. In the seven-day division she is the state record three-year-old and until the past season was State champion in the senior two-year-old class, being a former World's Champion. Her 30-day record in the senior two-year-old class still leads the State. Northern Fobes Denver was Michigan's first 39-lb. cow and is State champion in the full aged class, and likewise in the senior four-year-old class in the seven-day division. Pontiac de Nijlander is State champion in the 30-day division both as a senior four-year-old and as a senior three-year-old. Emblagaard Colantha Bakker broke the State record in the junior two-year-old class for the year with 847.41 lbs., and came back again as a junior three-year-old with 30.99 lbs. in 7 days, which is the State record for that class. She is a daughter of Colantha Johanna Champion, who is also sire of the State champion junior two-year-old in the 30-day division, Emblagaard Colantha Walker. This heifer produced over 108 lbs. milk in twenty-four hours as a Junior two-year-old, which record has never been equalled by any heifer in her class. The following list gives the present champions of Michigan in each of the four named divisions. They are a credit to her standing in the Holstein community.



DUCHESS HENGERVELD KORNDYKE
The cow that holds more State Championships than does any other of her state. Champion in the long time division of both the full aged and senior 3-year-old classes and also in the 8 mo after calving division of the junior 2-year-old and full aged classes.



FLINT BERTJUSCA PAULINE
One of the great cows of her state. Holder of the State championship in three regular classes and is one of the three 1000-lb. cows of Michigan.



1. Lilith Piebe De Kol.
2. Emblagaard Colantha Walker.
3. Creston Roosje Marie Segis.
4. Uneeda Korn. Ella.
5. Phoebe Veeman Pauline Wayne.
6. Emblagaard Colantha Walker.
7. Lady Lyons Chesterfield 2d.
8. Pauline De Nijlander.

Holstein Publicity

By HELEN S. K. WILLCOX

ONCE upon a time (and this is a perfectly true and actual story) there lived a young man on a back-woods farm who had no taste for farming it as father used to do, nor yet for farming it better than father had farmed in the past. This young man, in fact, found laborious work such as milking the herd or reducing the wood-pile or pitching hay very distasteful indeed to a sensitive nature like his, and he finally told his old dad firmly and once for all that he was about to quit wasting his life on chores and such unimportant things as go with the average farm. He told him he desired strongly to get out into the world among his equals and there prove his worth by brain instead of brawn. Now this youngster's dad was a wise old fellow in his own way and it had made him look rather dubious when Henry balked at the wood-pile and thought it pretty tough that milking time came twice a day. It occurred to Father that if Henry couldn't make good right there at home and overcome his lazy tendencies and lack of initiative, he might go bumping along in similar fashion all through life—but of course fathers are old-fashioned things anyhow and aren't apt to recognize and acknowledge a smart son above working when they see him.

Well, Henry thought he'd like to be a peddler (they did those things more fifty years ago, just as some present-day lads start out for "business college"), so his father, like the really good sport he was, offered to set Henry up in the ammonia-peddling line, throwing in the second-best buggy and old Nelly for good measure. So one day Henry started out to sell ammonia in pint bottles. He was inclined to be pretty optimistic of course and perhaps a trifle superior to the old man who only knew enough to do two men's work on the old farm and do it well. "Expect you'll have them bottles all sold out tonight," said his father as he drove out of the yard. Henry believed him. In the evening after chores were done and Henry's dad had settled himself on the stoop for a bit of relaxation, a buggy and weary old mare were seen entering the gate. Father untangled his tired legs and rushed out to congratulate the Ammonia King on his smartness and success. "Ye must have done a whopping business, Henry, ye're so late," he called out encouragingly. "Guess I misjudged ye and ye are too good for just farm work. How many d'ye sell?"

Henry was a while in replying. Finally he blurted out, "Didn't sell nary a one, pa. Travelled thirty miles and not a person asked me what I was peddlin'." Fortunately not all of us have to be asked what we are peddling in this world. The men who are successful bankers or manufacturers or dairymen or Holstein breeders sell their businesses or products to us whether we ask them to or not. And in this day of closest competition, of strictest efficiency, of a million other vital interests, the men who stay on top and financially succeed have to lie awake nights to think up new, novel and different ways of "selling" the public and making good. This is as true with Holsteins as with hammocks—if we are to be satisfied with no half-way measures in selling our breed in the open breed market, if we are not content with the present number of dairymen using our breed, great and good though this number is, we must be on the eternal look-out for new people to whom we can peddle Holsteins and new and drawing methods by which to peddle them.

When a Holstein breeder or a Holstein Association becomes contented with his or its present progress—then that man or organization is getting stagnant and is on the decline. We possess nearly 11,000 members in the H.-F. Association of America. Probably 30,000 would cover the actual owners of black and white pure breds in this country. Then it is plain that we have hardly touched the great market awaiting us and our great cows and a 500 or 1000 increase in annual membership is far too small for this day of achievement and progress.

What is the trouble? Have we just grounds for believing that our Holstein market could be annually sold a far larger number of foundation animals than it now is? Or should we rather be contented with a slow but sure increase as now is the case, knowing that the breed is certainly working its way year by year into all dairying circles? The writer believes that we have reached a point where the breed has been proved through and through, and that it now deserves a more thorough exploitation and more decisive pushing than has perhaps been necessary in the past.

Now that the war is over, and reconstruction is our next duty, the world can once more go about its normal business. Our normal business will consist of supplying Europe and other countries with the pure blood of our black and white breed. Such an opportunity has never awaited us before and perhaps some of us fail to realize its mighty possibilities. But we should not fail to realize them. The world has been turned up-side-down. The old time slow, sure, conservative methods of yesterday did very well for yesterday, but for tomorrow—the wonderful tomorrow of peace and healthy business conditions, of restored trading and commerce, we must prepare and be prepared. In other words, we must be ready to peddle our Holsteins as we never peddled them before—into the estimations, the markets of all devastated cattle countries. We must measure up to our cows and be ready to give them the advertising and prominence that the breed deserves, if we are to maintain our reputation and create new business for ourselves.

It seems to me that we should be eternally striving during the remainder of the war to increase our home market so that all together, united and reinforced, 50,000 to 75,000 Holstein breeders can efficiently take care of our coming export market. If we can't interest a larger percentage of our own dairymen in the merits of the Holstein, why should we expect our methods would interest this new market of the future on which we place such fond hopes? It goes without saying that a lot of pure bred Holsteins will be bought by foreign agents at that time—but this isn't enough. We should be so strongly intrenched at home, possessing such an enviable national reputation for a profitable quality breed, that these agents wouldn't consider buying a single grade cow of any breed as long as our Holsteins were buyable at any price. It is true that today we have got the goods in our wonderful cows—but I sometimes think that the breed as a whole lacks the press-agents and boosters to which it is logically entitled.

It has been for some time the opinion of the writer that our Association should maintain a great Publicity Department instead of its present Literary Committee. It seems to me that with the material we have to work with, such a department could possess undreamed of possibilities for advertisting and exploiting the breed.

Breeders of Holsteins, though leading numerically all other breeds, are but a drop in the bucket when compared with the great mass of dairymen who keep no grade cows. We pretend to be keeping everlastingly after this vast market and annually, the report of our Association secretary shows a neat gain in membership—but we are still a drop in the bucket.

It seems to me that conditions have finally so altered as to make imperative a new office in the Association—that of Publicity Head. Our secretary has all that he can do in attending to the clerical work of his official office. The other officers are likewise employed in the discharge of their duties. It would seem then that the time might be ripe for changing our by-laws so as to include this new department which would be given permission to aid, influence, advertise, boost, push the breed, its milk and by-products into every nook and corner of this and other countries.

We must not be content to remain a lap behind our cows in the great future.

Every breeder must realize that our breed has an unlimited future if we care to take advantage of it. We have done a creditable lot of peddling in the past but we have had no typically American Holstein "drives" or the like. We have not got after our market as we shall have to get after it, if we keep pace with the times.

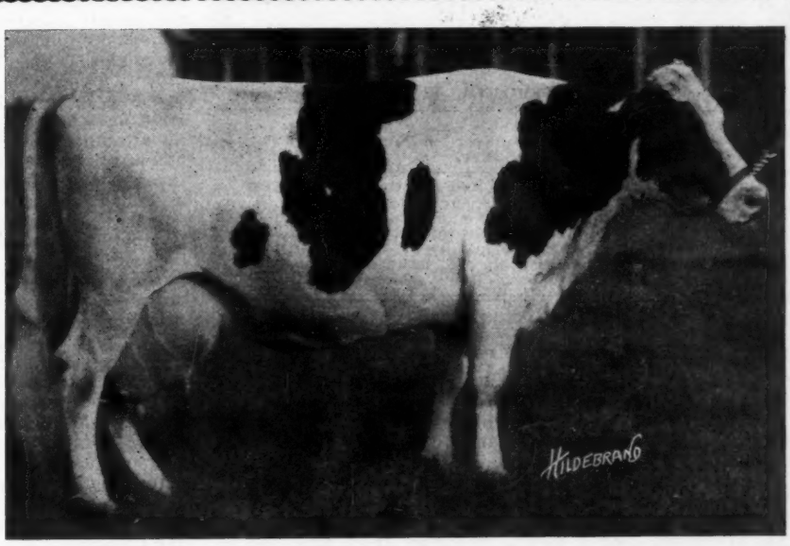
We should from now on forget past opposition and grievances and to a man get down to business for the one purpose of boosting Holsteins. We can be considering if it would not be good business to appropriate money for a new publicity department which would have charge of our future and who would devote his or their every waking hour to find new markets for our cattle and by-products.

It is essential for every Holstein man to work, work, work everlastingly to boost Holsteins. Too many of us fail to do this. But if we could bring into play "the close co-operation which helps to win the day" the breed in truth could go far. We mustn't wait any more to be asked what we are peddling. The Holstein cow will sell herself everywhere if we'll only peddle her a little oftener and a little harder.

PICTURE GALLERY

An 11-Year-Old Makes Good

Lena De Kol 3d is one of the great cows that have done much to popularize the City of Cleveland Herd. Very lately she completed a year record of 1178.49 lb. butter from 26768.8 lb. milk and is one of the two 1000-lb. cows recently developed in this herd. Eight months after freshening she made 24.21 lb. butter and when fresh made 27.29 lb. in 7 days and 112.38 in 30 days as an 11-year-old. She is a granddaughter of Johanna Rue 3d's Lad and made all of her records the property of Cleveland City Farms.



Lena De Kol 3d

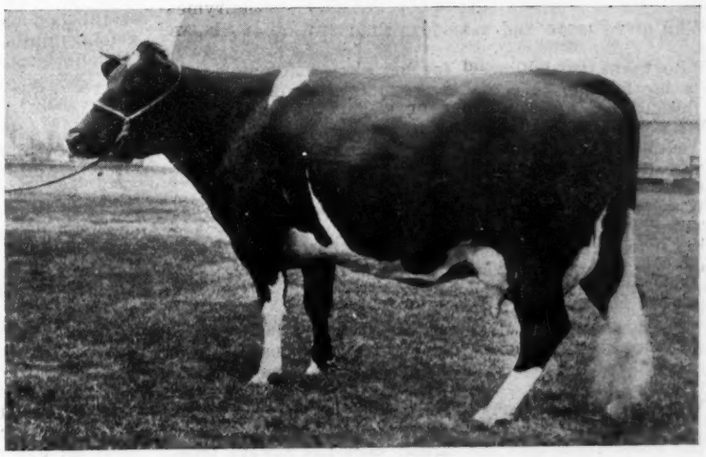
A Typical Sir Piet. Daughter

Freshening for the first time as a senior yearling when she made slightly better than 19-lb. Chloe Pietertje Ormsby has since been and is now one of the very best daughters of Sir Pietertje Ormsby Mercedes. After finishing a year record of 801 lb. butter from 15783 lb. milk she came back as a 3-year-old and made 27.78 lb. butter from 465 lb. milk and in 182 days of her second lactation period has produced 628.9 lb. butter and 11986 lb. milk. She is owned by and made her records the property of I. H. Skrei, Minn.

Chloe Pietertje Ormsby

Unusual Persistency

Dinah Pauline Clothilde Ormsby stands out as one of the best daughters of her great sire Sir Pietertje Ormsby Mercedes. Freshening as a senior 4-year-old she made 23.99 lb. butter from 526 lb. milk, came back 8 months after and made 24.34 lb. butter from 437.9 lb. milk and finished the year with 1146.01 lb. butter from 24078.1 lb. milk or approximately 50 times her seven-day production when fresh. She is one of the five 1000-lb. daughters of her sire and made all her records the property of the E. C. Schroeder Farms, Minn.



Dinah Pauline Clothilde Ormsby

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DECEMBER 7, 1918

THE war is over—peace reigns on earth. But in Europe today there are more than 2,000,000 American soldiers, who took an important part in bringing the war to a victorious end, and these men must be fed and clothed for a long while to come. It is estimated by the War Department that the cost of equipping and maintaining an American soldier in Europe is $423.27 a year.

The American army was transported to France at the rate of 250,000 men a month by giving them first call on the shipping facilities of the United States. If they could be brought back to their homes thus speedily—and it is doubtful that they could—it would require at least eight months. It is obvious, therefore, that we must continue to raise money with which to maintain our army abroad.

"We are going to have to finance peace for a while," said Secretary of the Treasury McAdoo, "just as we have had to finance war."

And that means that the American people, having supported four Liberty Loans with a patriotism which future historians will surely extol, are to be vouchsafed an opportunity to support our victorious peace. There will certainly be at least one more Government Loan. There probably will be two more—and possibly three. At any rate, the next Loan must be prepared for and its success made certain. Get ready now to buy more bonds.

IN a recent issue of the World a clipping was reproduced from one of our contemporary agricultural publications that described the farmer in this wise:

A farmer is—

A capitalist that labors.

A patriot who is asked to produce at a loss.

A man who works eight hours a day twice a day.

A man who has every element of nature to combat every day in the year.

A man who is a biologist, an economist, and a lot more ists.

Who gives more and asks less than any other human being.

Who takes unto himself for his own sustenance and that of his family those of his products that other people will not utilize.

Who gives his boys and girls to the big cities to infuse red blood into a society that is constantly decadent and whose only salvation is the virility that it draws from the rural sections.

Who is taxed more and has less representation than any other American citizen.

Who sells his products for what the other fellow cares to pay for them and who buys the other fellow's products at what the other fellow cares to charge for them.

Who is caricatured on the stage and in the daily papars but who can come nearer taking hold of any business and making it go than any other American alive and in captivity.

We have no hesitancy in admitting that all of these descriptions fit the subject and that back of the jest there lies the sober truth that the farmer does not always tread a path of roses perfumed with the sweet breath of the garden's choicest blooms.

But whose fault is it? Is it not in a great measure the farmer's own? There are exceptions and they lie chiefly among our own Holstein breeders and others representing the more advanced types of farming. In the rank and file of the farming population, however, it is a failure to get in touch and in tune with the demands of modern business that gives rise to the farmer's plaint. Granting that the labor situation is hard to meet; that the things needed by the farmer to carry on his work are difficult to obtain and almost prohibitive in price, yet the fact remains that other industries have overcome similar and even more stern objections. So can the farmer, we know.

A case in point showing the way the farmer's problems have been worked out is the situation arising from an attempt to fix milk prices. Where under the heavens has any industry ever succeeded in marketing its products through compulsory price fixing with no attempt to create a demand for those products from the prospective consumer? Is it an argument in favor of using milk or dairy products to say that they cost so much and so much must be paid for them? Did the enterprising men who put the automobile and a score or more of other things, on the commercial map adopt such tactics and are not dairy products—food—more important than automobiles?

It may be contended in this case that this is the province of the distributor but the way these problems have been worked out in other lines does not bear this theory out. A broader viewpoint seems to demand that the manufactuers do the bulk of this work. The distributor must help, so must all the businesses that depend upon the dairy industry for their income. But somebody must start things and since the dairy farmers seem to be getting along fairly successfully with one of their greatest problems, organization, it looks as though it is up to them to start the creation of a demand for dairy products. Of course advertising is the only logical way out.

Agriculture is a collection of small independent businesses, competitive and hitherto without central organization of sufficient strength to weld these businesses into a working, effective powerful whole. The Grange has been unable to do it. The Dairy Leagues may be able to accomplish this in time. They are surely proving their right to a trial. But whatever body it is, the outstanding purpose must be unselfish and the outlook broad if the proposition is to succeed.

City people are very apt to look upon their own affairs and their own institutions as the only ones worth thinking about. They are apt to wander away from the fact that agriculture is fundamental and that the center of the Universe does not radiate from brick walls, paved streets and bright lights. Out in the country among the fields and the "lowing kine" is where all wealth begins and there may be found the foundation upon which all commerce rests. There is a movie called "When Do We Eat" that reminds us of the city man's problems as they would loom up before him if he should lose entire track of the point of origin of his daily bread.

So we can easily see that there are two sides to every problem and that the point of view depends upon the location of the viewer. What we need is more business application to farm problems and a little closer co-operation in a business way. If the city man doesn't get the farmer's point of view, lead him around to the other side and show him. He is human and like as not the good will that will be established as a result of that entirely human process of getting mutually acquainted will repay the entire cost of the effort to make the other fellow see the point.

A World Shortage of Fats

THE following paragraphs from a summary of food conditions issued by the Food Administration will be of interest to dairymen:

The world balance sheet of food products, shows a shortage of three billion pounds of fats and three million tons of high protein feeds. Among fats are included pork products, dairy products and vegetable oils.

The world shortage of fats is explained by Mr. Hoover as "due primarily to the fact that Europe has been steadily underfeeding its dairy herd, has made steady inroads into its herd of hogs during the war, and to the facts that there has been a great degeneration in the production of vegetable oils in certain regious owing to the inability to secure shipping."

According to Food Administration calculations, even with all our supplies and best efforts, the world will be far deficient in its normal amounts of fats for two or three years at least. The future of the American producer who is equipped for general farming seems to lie in liberal

crops of meat products and home-grown feeds with which to grow livestock economically.

The whole world is suffering from the lack of dairy products. The underfed and sadly depleted herds of Europe cannot supply that continent; other sections of the world with the exception of the North American continent have not yet learned very much about the value of dairy products in the human dietary. There is a wonderful opportunity at hand and it will require the full exercise of our ability to fill even the beginning of the demand that already exists.

The Economy of Motor Hauling

THE U. S. Department of Agriculture has recently published the results of an extensive investigation into the relative costs of hauling farm products by motor trucks and by horse-power. This report, which is based on definite results from all parts of the country, states that for 1918 the average length of motor truck hauls was 11.3 miles with 3.4 round trips per day while the wagon hauls averaged 9 miles with 1.2 trips per day. This means that the average day's work for the truck, in miles, was nearly four times that of the wagon. While in many cases the total volume of business carried would be the important consideration, the factor which would have the most weight with the man who was considering the relative merits of the two methods, would be the cost per ton mile. The estimated cost for hauling in wagons from farm to shipping point averaged in 1918 about 30 cents a ton a mile for wheat, 33 cents for corn, and 48 cents for cotton. For hauling in motor trucks or by tractors the averages are 15 cents for wheat or corn and 18 cents a ton-mile for cotton. These figures are comprehensive enough, and are based on a sufficiently large number of individual reports, so that they may be accepted as forming a reliable basis for judgment under general conditions. There are of course particular situations in which it would be found decidedly impractical to substitute motor trucks for horses and wagons, but the facts as given form a most conclusive argument for the economy of motor transportation. There will always be a place, and a mighty important one, in our agriculture for the horse. He is indispensable in many phases of the work, but just as the passenger car has become dominant on our roads in transporting people from place to place, so will the motor truck become the dominating factor in moving to market the products of our farms. The figures given above show that unmistakably.

The Champions of Michigan

Year Records

Full Aged. Duchess Hengerveld Korndyke 1227.46
(Emblagaard Dairy, Marquette, Mich.)

4½y Flint Bertjusca Pauline 1007.76
(G. L. Spillane & Son, Flint, Mich.)

4y Phoebe Veeman Pauline Wayne 874.04
(Emblagaard Dairy, Marquette, Mich.)

3½y Duchess Hengerveld Korndyke 1129.23
(Emblagaard Dairy, Marquette, Mich.

3y Emblagaard Johanna 882.85
(Emblagaard Dairy, Marquette, Mich.)

2½y Phoebe Veeman Marilla Plum 689.9
(Emblagaard Dairy, Marquette, Mich.)

2y Emblagaard Colantha Bakker 847.41
(Dev. by Emblagaard Dairy, owned by J. A. Bell Jr.)

Eight Months After Calving

F. A. Duchess Hengerveld Korndyke 23.23
(Emblagaard Dairy,. Marquette, Mich.)

4½y Lady Lyons Chesterfield 2d 17.16
(E. D. Marks & Son, Morenci, Mich.)

4y Butter Boy Rosina 2d 16.43
(G. L. Spillane & Son, Flint, Mich.)

3½y Roosje Marie De Kol 12.34
(P. Buth, Comstock Park, Mich.)

3y Daisy Concordia Houwtje 16.56
(Harry E. Covert, Leslie, Mich.)

2½y Traverse Segis Johanna Hartog 14.58
(Traverse City State Hospital, Traverse City, Mich.)

2y Duchess Hengerveld Korndyke 14.06
(Emblagaard Dairy, Marquette, Mich.)

Seven Day Records

F. A. Northern Fobes Denver 39.87
(Dev. by Emblagaard Dairy, owned by W. W. Bird, Cambria, Wis.)

4½y Northern Fobes Denver 35.94
(Dev. by Emblagaard Dairy, owned by W. W. Bird, Cambria, Wis.)

4y Wandermeere Belle Hengerve'd 42.65
(Dev. by E. LeRoy Pelletier, Detroit, Mich., owned by Shanahan & Dold, East Aurora and Alden, N. Y. The highest priced dairy cow, $18,300.)

3½y Flint Bertjusca Pauline 31.23
(G. L. Spillane & Son, Flint, Mich.)

3y Emblagaard Colantha Bakker 30.29
(Dev. by Emblagaard Dairy, owned by John A. Bell Jr.)

2½y Creston Roosje Marie Segis 30.45
(Dev. by P. Buth, Comstock Park, Mich., owned by Dudley E. Waters, Grand Rapids, Mich.)

2y Pauline De Nijlander 26.13
(Dev. by G. L. Spillane & Son, Flint, Mich., owned by A. A. Huseby & Son, Adams, Minn.)

Thirty Day Records

F. A. Koo Pontiac 149.51
(E. LeRoy Pelletier, Detroit, Mich.)

4½y Pontiac De Nijlander 135.31
(Dev. by N. A. Cole, owned by E. L. Pelletier, Detroit, Mich.)

4y Wandermeere Belle Hengerveld 164.59
(Dev. by E. LeRoy Pelletier, Detroit, Mich., owned by Shanahan & Do'd, N. Y.)

3½y Pontiac De Nijlander 123.88
(Dev. by N. A. Cole, owned by E. LeRoy Pelletier, Detroit, Mich.)

3y Uneeda Korndyke Ella 104.87
(E. LeRoy Pelletier, Detroit, Mich.)

2½y Flint Bertjusca Pauline 116.86
(Dev. by D. D. Aitken, owned by G. L. Spillane & Son, Flint, Mich.)

2y Emblagaard Colantha Walker 93.22
(Dev. by Emblagaard Dairy, owned by J. A. Bell Jr., Pittsburg, Pa.)

WHALING SELLS A BULL

John Whaling & Sons, Carthage, N. Y., report the sale of a son of their herd bull, Elmcroft Sir Concordia Korndyke 2d, who is an intensely bred Pontiac Korndyke bull, his dam being a 30-lb. daughter of the grand old sire, with three crosses of his blood. The young bull in question was sold to Madison Cooper, of Calcium, N. Y., where he maintains a high-class herd of cattle on his 500-acre farm. The young bull has five crosses of the blood of Pontiac Korndyke, and his dam, an A. R. O. cow, is a granddaughter of the famous century sire, Aaggie Cornucopia Johanna Lad, and is also a granddaughter of Small Hopes Piebe with a record of 30.82 lbs. butter from better than 700 lbs. of milk. The young bull is a grand individual as well as a strongly-bred one, and in Mr. Cooper's herd he should render a good account of himself.

PURCHASED FORTY-SIX HEAD

A. J. King of Kansas City, Mo., writes that in the recent sale of W. S. Phelps, in Missouri, he purchased forty-six head of the seventy-six offerings, taking the top quality of the sale. Over twenty head of Mr. King's purchases sold for $200 and $300 per head, ages ranging from six months to two years old. Mr. King speaks highly of his purchases, and also of the treatment accorded by Mr. Phelps.

A ROYAL SWELL

One of the finest young bulls at Avondale Farm in Canada is a five months old son of Belle Model Johanna 2d, the twice 37-lb. cow and dam of a heifer that has three times crossed the 33-lb. mark. It will be remembered this bull is from the same dam as King Echo Sylvia Johanna, the sire of the $106,000 bull and that he is sired by a son of May Echo Sylvia giving him the same dams in common as the highest priced bull in the world. These two nearest dams are Belle Model Johanna 2d 37.34 lbs. and May Echo Sylvia with 41.01 lbs.

SOUTHERN BUYERS IN MONROE COUNTY, WIS.

Buyers from Arkansas and South Carolina recently selected a car load of Holsteins from breeders in Monroe county, Wis. The purchasers were: Judge Ben F. Greer, Eureka Springs, Ark., R. A. Buell, Great Forest, Ark., E. J. Chandler, Eureka Springs, Ark., and J. Converse, Spartansburg, S. Carolina. The breeders supplying cattle for this shipment were: W. F. Parsons, George Vander Schaaf, J. W. Leverich, Charles Vander Schaaf and Mrs. William Ascott. County Agent David Davidson and P. H. Campion, District Supervisor of County Agents, were in charge of the party. This is only one of the ways in which it pays the breeder to co-operate with the Farm Bureau.

TRUCKELL AT PINE GROVE FARMS

G. H. Truckell, who is one of the best posted, and most successful publicity experts of the Holstein industry, has accepted a position in charge of the advertising department at Pine Grove Farms, Elma, N. Y. Mr. Truckell has a wide circle of friends who will wish him well in his new position. He will prove an important cog in the smoothly running machine at Pine Grove Farms.

HASTINGS SOON TO RETURN

A cablegram from E. M. Hastings advises that he expects to sail for home in the near future, and may be home by Christmas. Mr. Hastings volunteered for service in the American Red Cross last May. Although his personal preference in enlisting, was for active service among the boys at the front, his executive ability was quickly recognized by those in authority, and he was placed in charge of the administrative work in one of the large hospitals in Paris. Upon his return, Mr. Hastings will re-assume complete charge of the Sale and Pedigree business of the E. M. Hastings Co., which has been carried on during his absence by M. S. Prescott.

NEWS FROM AVONDALE

A. C. Hardy reports he has sold the son of Woodcrest Cornelia Pietje recently advertised in the World. He also mentions that Belle Model Pietje the 36-lb. daughter of old Belle Model Johanna 2d has given birth to a pair of bulls one of which is to be retained for use in the Avondale Herd.

A 32-lb. SHOW BULL IN NEBRASKA

"Sales of young bulls from the Friesland Farm herd have been very satisfactory the past summer, and we only have a very limited number now that are anywhere near ready for service.

One of the best sales made this season is a fine son of Rag Apple Korndyke Boon, out of Dora Sarcastic (32.18), to Mr. W. F. Becker of Papillion, Nebr. Mr. Becker is starting a fine herd of pure bred Holsteins, and chose this bull to head his herd on account of his fine breeding and splendid individuality. His sire, Rag Apple Korndyke Boon, is a son of Rag Apple Korndyke 8th, out of a 32-lb. four-year-old daughter of Pontiac Korndyke. The dam of Mr. Becker's bull is Dora Sarcastic, a 32-lb. daughter of Kalmuck Skylark Johanna, and is therefore a sister to Niva Kalmuck (45.18). On the dam's side she is a granddaughter of Sarcastic Lad. She is an outstanding show cow, taking first prize at the Iowa, Nebraska, and Kansas State Fairs in 1915. It will, therefore, be readily seen that this young bull combines great individuality with production, and makes a splendid addition to the herd bulls in Nebraska."

Henry Stubbe,
Mgr. Friesland Farm.
Omaha, Neb.

CONDENSED MILK LEADS IN ILLINOIS

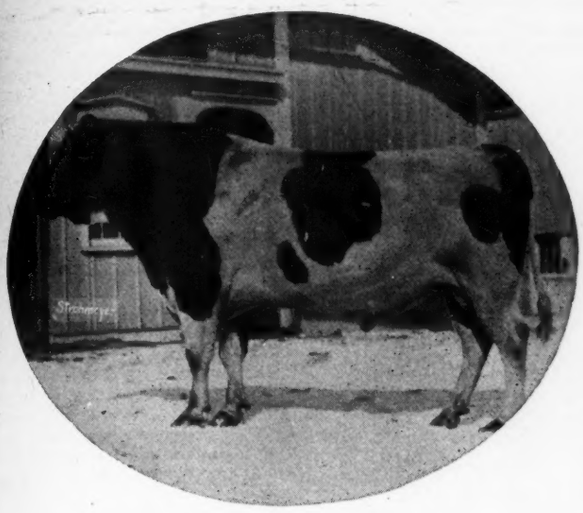
Over one hundred million pounds of condensed milk and over eighteen million pounds of creamery butter were manufactured in Illinois in the first six months of the current year according to figures made public today by John B. Newman, Superintendent of the Division of Foods and Dairies of the Illinois Department of Agriculture. These totals are based on statistics contained in the "Summary of Reports of Production of Milk Products" issued by the Bureau of Markets of the U. S. Department of Agriculture.

IN ALBANY CO., N. Y.

M. M. McCoubrey of Prattsville, N. Y., recently purchased three pure-bred Holstein cows of C. C. Brayman, a well-known Holstein breeder of Albany Co., N. Y. The cows' registry numbers and names are: Duchess Carlotta Kreimhilt, No. 234170; Queen Pauline De Kol Beets 2d, No. 246496; Esther Soldene Korndyke Segis, No. 270420. The dam of first named cow was accepted at the age of two years to Advanced Registry, and was reentered at the age of three years. The sire and dam of the last named cows are closely related to World Champion cows and are among the best bred cows in this section.

CONN. BREEDERS MEET DEC. 6

Connecticut Holstein Breeders' Club will meet at New Haven, Conn., on Dec. 6 for the election of officers and the transaction of other business. Prof. W. M. Rider, of the extension service of the Holstein-Friesian Association of America, will be present and will give a talk on important matters connected with the Holstein breed and industry.



SIR PRILLY SEGIS

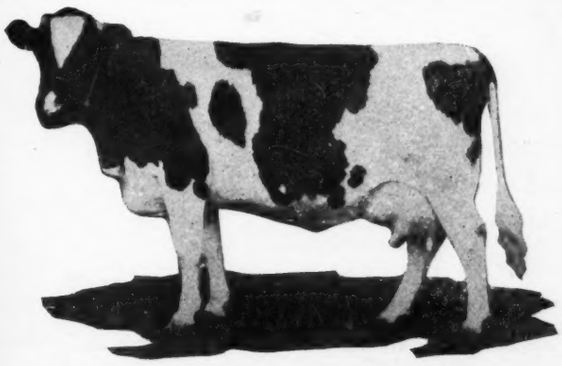
Whose recent death robs the breed of one of its greatest sires and leaves Ormsby Korndyke Lad as senior sire at Beaver Dam Farm.

SIR PRILLY SEGIS DEAD

Holstein breeders will regret to learn of the loss recently suffered by Julius Schmid of Beaver Dam Farm through the death of his senior herd sire, Sir Prilly Segis. Although nearly eleven years of age Sir Prilly had been hale and hearty up to the time of his death. He was fed at the usual hour at night and three hours later was found dead in his stall without apparent cause. Sir Prilly Segis is very largely accountable for the success and national reputation that Beaver Dam Farm now enjoys. Two years ago he startled the world with the marvelous showing of his two-year-old daughters no less than fourteen first calf heifers crossed the 20-lb. mark and since then have continued at a record breaking pace. To date 35 of his daughters have been admitted to Advanced Registry and nearly 50 per cent of these have crossed the 20-lb. mark with but a very few over 2 years of age. When it is remembered that at the age of six years he had but five tested daughters and less than a dozen living daughters and now less than 5 years later has a long list of tested daughters with a very large number untested and many cows in calf to him, his upward stride has been most remarkable. His sons have been placed at the heads of good herds in both the east and west so that although his family tree must stop in its present state his reputation will continue to spread for years to come. Sir Prilly Segis was by King Segis from Prilly Princess Julia De Kol a former world champion 30-lb. 4-year-old granddaughter of Prilly.

BELL FARM COMPLETES 33-LB. RECORD

John A. Bell informs us he has just completed their first 33-lb. record on Fairfield's Inka De Kol Korndyke (shown in the picture). Her best seven days showed a production of 33.06 lb. butter from 603.3 lb. milk with an average test of 4.39 per cent fat. This cow, one of the finest individuals possible to find, is sired by a son of Korndyke Butter Boy from a daughter of Hartog Pauline De Kol Count and her own dam with a record of better than 17 lb. is by a son of De Kol Burke. This cow is one of the very first Holsteins ever owned by Mr. Bell who writes that he selected her as a milk producer without any regard for individuality or breeding but we venture the remark she would look mighty well in the front row of any herd. Her last calf is a very fine bull sired by Superba Lord Rag Apple, a son of Rag Apple Korndyke 8th and Lady Concordia De Kol with better than 35 lb.



FAIRFIELDS INKA DE KOL KORNDYKE

The cow that has just completed a 35-lb. record in the herd of John A. Bell Jr., Coraopolis, Pa.

Choice of

30-ld. Twin Bulls for $500

Grandsons of It and Spring Farm Pontiac Cornucopia. Five dams including a 28-mo-old heifer average 33.6 lb. butter in 7 days. Average fat above 4. per cent. They are light colored, nicely marked and straight as soldiers. Nearly ready for service. Photo and pedigrees.

C. W. NEWMAN Wyalusing, Pa.

Auray Farms

Offer at

BARGAIN PRICES

to Make Room—

Several young sons and daughters, three to five months old, of

King Wachusett Valdessa No. 187261

whose three nearest dams average:

Butter 7 days..... 37.15
Milk ..... 653.
Butter 30 days 146.40
Milk ..... 2744.

All bred from A. R. O. dams and grandams of the choicest breeding.

Bulls—$100, $150 and up
Heifers—$150,$200 and up

Crated — Delivered Guaranteed

Splendid Bargains in Foundation Stock.

Write Today for Charts.

Auray Farms

F. M. Avery I. M. Avery, Mgr.
SPARTA, Sussex County, N.J.

EIGHTY-TWO MILLION SEE SEGIS FAYNE

Editor Holstein-Friesian World:

Naturally, I was greatly interested in your article of November 9th entitled, "Segis Fayne Johanna and National Magazines" and observing that it is signed "H. S. K. W." I desire to add that I have been greatly interested also in the page formerly conducted by Mrs. Willcox and regret that I have not seen it in recent issues.

There is one error in the article which I would like to correct. It is that portion which says that Segis Fyane Johanna has made her bow, all told, to over 4,000,000 readers.

I can see that this is due to the fact that the writer could not have been aware of the large number of publications in which this advertisement, in one form or another, appeared, but which featured the cow in every instance.

We have just made an estimate, based upon accepted figures furnished by the various magazines, and those figures show an estimate of 73,600,000 readers of the magazines in which the cow advertisement appeared.

In addition to this, the street car cards, posters and other forms of advertising we figure will be seen by 8,500,000 readers, or a grand total in the campaign already being conducted of over 82,000,000 readers.

Of course, our advertisements appear largely in women's publications, because that is our natural field, but it is wonderfully surprising, as well as inspiring to observe the very large number of men who answer this ad, showing that men are reading women's publications to a considerable extent, but the answers are by no means confined to the male sex. Some of our most enthusiastic admirers of Segis Fayne Johanna are women, and they show an unusual degree of keenness and interest in the proposition.

I am very glad indeed to observe that it is thought that this advertising will be of benefit to the Holstein-Friesian breed, and I wish to say that this thought was not a minor one in inducing me to use Segis Fayne Johanna as a headliner in our large avertising campaign on Liquid Veneer.

The thought that this campaign would be at least of some benefit to the breed, as a whole, and which was so well expressed in your article under discussion, has been borne out by the results and answers we have received from this campaign, and borne out in a very substantial and emphatic manner.

In view of the opinion, as expressed in your article, and of the comments that have resulted from this campaign, I am going to endeavor to incorporate Segis Fayne Johanna in our 1919 advertising, although the original intention was to run it for the fall of 1918 only.

Of course, we cannot afford to feature too much about Holstein-Friesian cattle in these ads, or we might be dividing the interests to the extent that neither would benefit sufficiently to warrant the campaign. This will be appreciated when I tell you that our spring campaign for 1919 will involve an expenditure of considerably more than $100,000.00.

I have recently heard Mr. Hoover quoted as saying something to the effect that in order that food conditions may be put back in the state it was prior to the terrible world war, which has just ended, it would be necessary to ration the entire world for a period of at least ten years.

If this is so, we can do no more patriotic work than to encourage dairying and to encourage dairying in the biggest way means to bring the pure bred Holstein-Friesian cow to the front as much as possible, and this is what I hope this advertising will help considerably in doing.

Oliver Cabana, Jr.

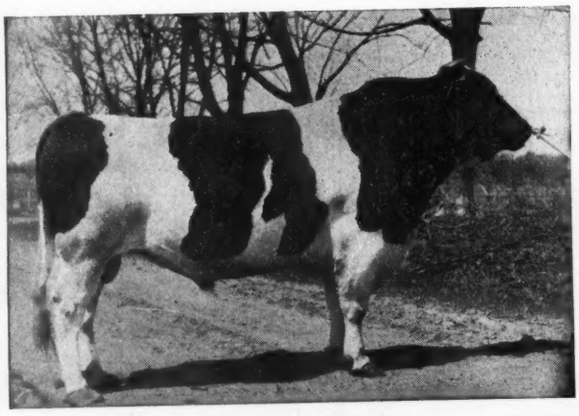
A British committee was conducting an inquiry with a view to determining how extravagance in hotels and restaurants could be checked most advantageously. When the question of margarine came to be considered a member of the committee inquired of a witness, a matter-of-fact waiter, whether that article of food was known in the restaurant business as "margarine" or as "marjorine."

"We don't call it neither, sir," the waiter replied. "We calls it butter."

Isn't it a fine feeling, when on a crisp fall morning you get out last winter's overcoat and find a quarter in the pocket?—University of Missouri Missourian.

There is one food policy that cannot change, and that is the vital necessity of simple living.

SONS OF THIS BULL



Mutual Fobes Longfield De Kol

22 A. R. O. Daughters.

A Champion and sire of Champions.

From Dams Up to 31.5 Lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol.

THEY GO QUICK—SEND FOR DETAILS
MILFORD MEADOWS STOCK FARM
Harry Faville, Mgr. LAKE MILLS, WIS.

2 to 1 Advantage

in buying a

DE LAVAL

NOW

Butter-fat is now worth twice as much as it was two or three years ago.

So is labor.

A De Laval saves both.

And never before was there so urgent reason for saving every ounce of butter-fat and every half-hour of time and labor.

A De Laval will now pay for itself in half the time, compared with former years.

Buy it now and it will save its cost in a few months.

See the nearest De Laval agent right away and let him show you what the De Laval will save for you. If you do not know the De Laval agent, write direct for any desired information.

The De Laval Separator Co.

165 Broadway, New York — 29 E. Madison St., Chicago

CLUB NOTES

MAINE BREEDERS HOLD ANNUAL MEETING

Maine Holstein Breeders held their annual meeting at Portland, Nov. 22, in connection with the series of meetings held under the auspices of the state live stock breeders. A. L. Brockway, of Syracuse, N. Y., was announced to speak, but was unavoidably prevented from making the trip to Portland. Prof. Wm. M. Rider in charge of the extension service, National Holstein Breeders' Association of America, was present, and gave a splendid talk on the value of pure bred Holstein cattle, and spoke of the present and coming demand for cattle of this breed, not only in the southern states but from foreign customers. Prof. Rider told the breeders that already representatives of the Belgian government had been visiting this country inspecting Holstein herds, and it was up to each individual breeder to partake of a share of the orders, which will eventually come from European countries, for good healthy Holstein cattle. He congratulated the members of the state breeders' association on their keen enthusiasm for the breed, which in the speaker's opinion betokened unusual success for the future of the breed in the Pine Tree state. A resolution was passed to the effect that the members of the Maine Holstein Breeders' association pledge themselves to co-operate in every way with the national association in its efforts to advance the breed. C. L. Pike, of Lubec, was elected president for the coming year, and Harold J. Shaw, of Topsham, was re-elected secretary-treasurer. A Holstein booth run by the Maine breeders, and supplied with pictures of famous Holsteins and literature pertaining to the breed from the extension service department, was an interesting feature at Portland.—Extension Service, H.-F. Association of America.

NEW ENGLAND BREEDERS HOLD ANNUAL MEETING

The annual meeting and dinner of the New England Holstein-Friesian Club was held in Boston, October 26th. The following officers were elected for the ensuing year: President, Herman S. Cheney, Southbridge, Mass.; secretary-treasurer, Miss Winifred M. Carrigan, Concord, Mass.; executive committee, F. P. Knowles, Auburn, Mass.; J. W. Prentiss, Alstead, N. H.; F. H. Metcalf, Holyoke, Mass.; Vice presidents, R. G. Waterous and W. H. Hall, Connecticut; E. E. Usher and L. E. McIntire, Maine; C. H. Thomas and Hon. Henry W. Keyes, New Hampshire; W. P. Sheridan and J. E. Singleton, Rhode Island; G. F. Gregory and F. W. Draper, Vermont; C. S. Averill, and Gen. C. W. Wood. Massachusetts.

California Holstein Notes

By ROBERT E. JONES

Tulare county's first Holstein consignment sale held November 20th and 21st put a lot of grade dairymen in line to become future Holsteins breeders. Some of the stock offered went to breeders, but the large majority of it went to dairymen whose familiarity with the Holstein grade has caused them to seek something even better.

Tulare is rapidly developing as a superior dairy county of California and the Holstein is almost exclusively the choice of the dairymen there. While some of the stock sold at lower prices than it would have brought in Sacramento, breeders were satisfied that they were planting seed where it would do great good for the breed.

For many years Tulare County, at least the section around Tulare, has developed slowly. Many kinds of farming had been attempted there, but it was not until dairying was attempted that a substantial growth was experienced. It was learned that the soil responded wonderfully to dairying practice and now the future of the county is assured as a great big Holstein center.

It had been hoped to have the sales pavilion, which the pure bred interests are uniting in building, would be ready for the sale, but War Board rule prevented the erection of the building in time for the sale. Now that all restrictions are off, building operations will start shortly and it is expected that the building will be ready for the next sale there.

The community and particularly the townspeople of Tulare are alive to dairy development and the sale had the support of the local Board of Trade and business men. Business houses of the town were closed for three hours during the first afternoon of the sale. An orchestra furnished the music at the opening and M. C. Zumwalt, Secretary of the Board of Trade and a leading business man, made a speech at the opening.

"Tulare County's return last year from livestock totaled $300,000 and we produced $1,677,000 in butter fat," said Zumwalt. Three creameries already are in operation here and the Carpenter Cheese Factory people of Modesto are planning on erecting a $100,000 plant here during the coming season. R. C. Sturgeon, a breeder of Tulare, and James McAlister, a breeder of Chino, also spoke.

The sale totaled $26,950 with a general average of $261. The mature cows averaged $303 and the bulls $333.

W. J. Higdon of Tulare paid the highest price of the sale when he bid $1000 on the cow Rose De Kol Conde, consigned by Bridgford Company of Knightsen. This young cow has a record of 24.42 pounds of butter at the age of 26 months, with an average fat content of 4.33 for her milk. Charles Yocum, also of Tulare, sold the highest priced bull. Frank Helm of Fresno bought King Ignaro Mead for $675. The young bull is a son of the famous King Mead of Riverside, formerly a herd sire for A. W. Morris & Sons of Woodland, an animal whose progeny contains a remarkable number of high-testing females.

C. L. Hughes, Sales Manager for the California Breeders Sales and Pedigree Company, under the auspices of which the event was held, received a remarkable testimonial of his personal popularity when he offered his own heifer, a daughter of the bull Sir Skylark Ormsby Hengerveld, for sale. Hughes bought her in dam almost a year ago and although he is not in the breeding game, he consigned her to the sale. Many offers of free service to the best bulls in the State were made to the ultimate buyer. Alex Whaley of Tulare had the high bid, $450.

One typy young cow went ridiculously low. She was an offering in the Bridgford consignment. Hattie Walker De Kol II, purchased by Frank Guerin of Tulare for $350. She has an 18-pound butter record as a 3-year-old and is from a 30-pound dam. Cows of similar record and type have sold at Sacramento sales for around $700.

This is probably the last big Holstein consignment sale for the year in California. The next event of interest will be the sale of Holsteins at the Tagus Ranch, owned by the Pacific States Corporation of Los Angeles, in December. It is probable that a guaranty sale will be held in Sacramento early next year.

Colonel Ben A. Rhoades, assisted by his son, Harold Rhoades, cried the sale in his usual vigorous style.

Buyers other than those mentioned were as follows: H. M. Hancock of Riverdale, C. A. Miller of Ripon, H. J. Stokes of Visalia, George Beck and Sons of Tulare, C. R. Ogden of Kerman, R. T. Curtiss & Son of Exeter, A. E. Postan of Tulare, D. S. Heffinger of Tulare, J. W. Spalding of Visalia, Fred W. Webb of Tulare, Frank Guerin of Tulare, W. D. Trewhitt of Hanford, T. M. Calvert of McFarland, J. B. Monroe of Porterville, J. W. McAlister of Chino, F. D. Ross of Hanford, William Lehfeldt of Livingston, H. W. Butler of Tulare, L. E. Beauchamp of Tulare, L. W. Bardsley of Tulare, Mark L. Borror of Tipton, Bridgford Company of Knightsen, R. E. Clifford of Strathmore, Harry Duke of Waukeua, D. D. Elinore of Tulare, Evans and Francis of Porterville, Guy W. Ed-

(Continued on page 54.)

Successful Farmers

like Unicorn Dairy Ration because it brings out all the milk the cow can make. Just the feed to use with your home grown grain or alone.

During the cold, harsh, trying winter months every cow needs the best nourishing feed. She must maintain her bodily vigor as well as her bountiful flow of milk.

Every Unicorn feeder is a permanent Unicorn buyer.

Unicorn Dairy Ration is manufactured by

CHAPIN & CO., Dept. S , CHICAGO

Buy Your Feed Early

A life insurance policy for $25,000 has been taken out on a pedigreed $75,000 Holstein bull, Mighty Monarch owned by Paul T. Brady of Putnam County, N. Y., according to newspaper statements. Besides, the animal is covered by heavy fire insurance.

In winning the war food proved an effective weapon; in keeping it won food will be our most valuable tool.

The war has been brought to an end in no small measure by starvation itself, and it cannot be our business to maintain starvation after peace.

If every sword were immediately turned into a plowshare there is a winter before us when plowshares don't count.

Until next harvest the American table must be set according to the food resources of the world and the needs of Europe.

The spectre of famine abroad now haunts the abundance of our table at home.

From the inability of governments to secure food for their people grows revolution and chaos.

$100.00 WILL BUY

Bull Calf Born Nov. 2, 1918

About two-thirds black. Sire is a son of

ORMSBY KORNDYKE LAD

and from a 33-lb. dam.

Dam is a 19-lb. 3-year-old whose sire is a son of a 27-lb. cow. Dam produced over 11,000 lbs. of milk in one year as a 2-year-old heifer. A bargain if you act quickly. Pedigree and particulars upon request.

BLACRES

Bennett & Latzer **Wellsboro, Pa.**

ORMSBY KORNDYKE LAD

Five 30-Lb. Daughters All Under Full Age

The Bull That Sires Champions

Get One of His Sons Today

HARRY B. DAVIS **Chester, N. Y.**

JIMMY REYNOLDS RE-ELECTED

The Holstein public will be pleased to learn that Hon. James A. Reynolds has been re-elected to the Assembly of Ohio by about seven thousand plurality. In addition to this responsibility Mr. Reynolds finds time to serve as the efficient manager of Daisy Hill Farms, Chagrin Falls, Ohio, and to

take an active interest in Association matters as well. Breeders who attended the Milwaukee meeting last June will remember that his speech, "They haven't sent for me yet," was one of the hits of that session.

MacNutt estimates the total production of certified milk to be but 25,000 gallons daily for the whole United States—less than one per cent of the whole milk supply.

FOR SALE

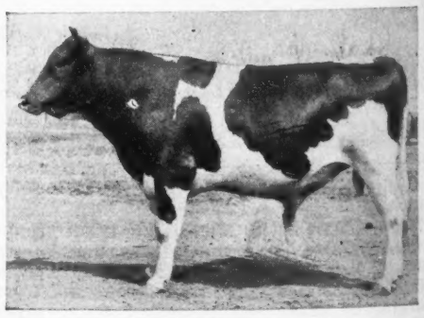
Six registered Holstein cows, 2 registered heifers, 6 months; 3 registered heifer calves. On account of lack of stable room will sell the eleven for $1500 cash. Also an exceptionally fine dairy farm of 140 acres. Would make a show place for a registered herd. Enquire

DR. GEORGE LENZ
Gloversville, N. Y.

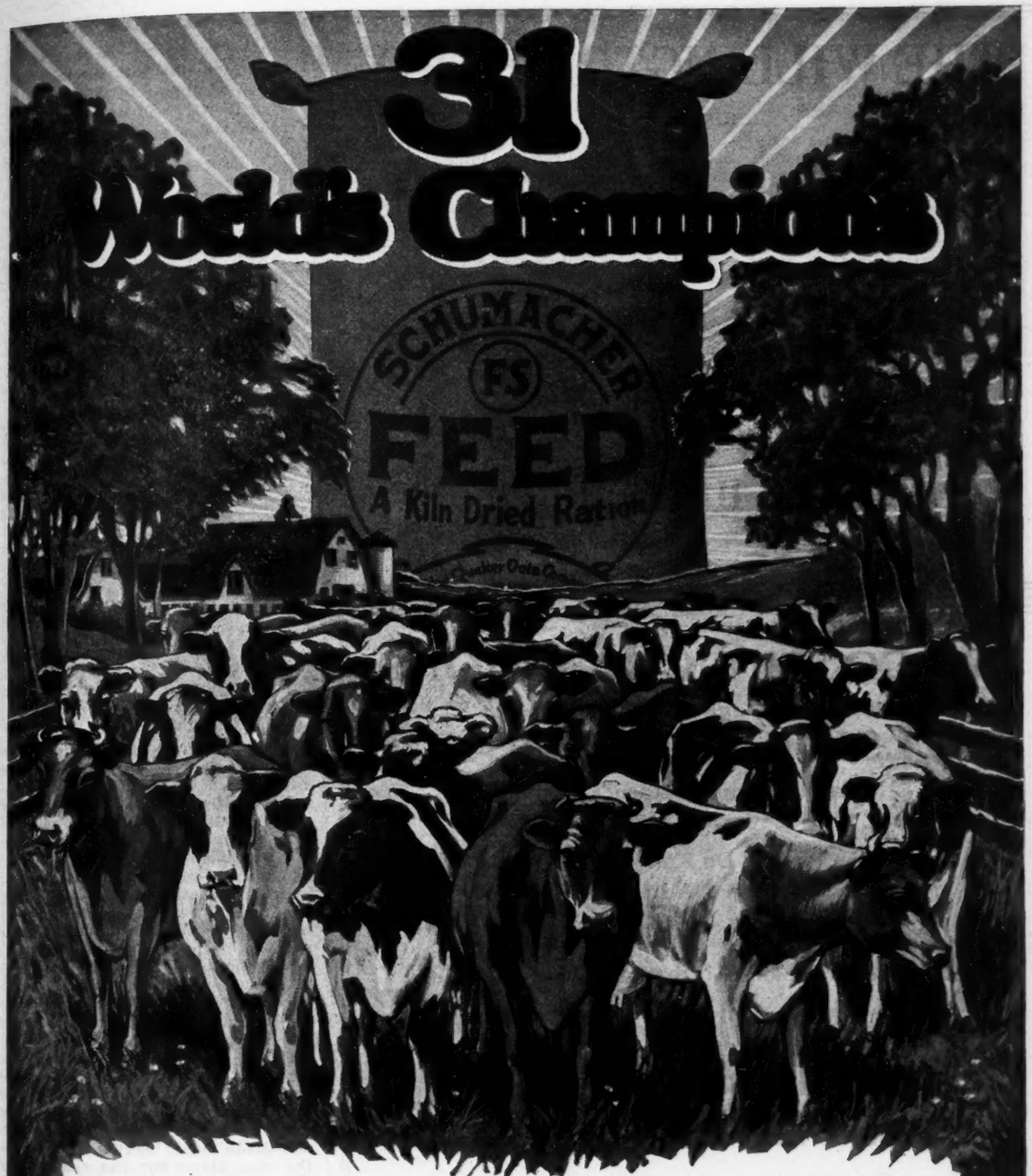
75 PER CENT. OF THE BLOOD OF SIR PIETERTJE ORMSBY MERCEDES 37th

We offer one of his best sons born February, 1918. The calf is light in color and from one of the good daughters of Sir Pietertje Ormsby Mercedes 37th. The second dam is Princess Colantha Jewel 3d, with 22.26-lb. in 7 days and 732.80 lb. butter from 15,701 lb. milk in a year. She is the dam of three A. R. O. daughters. The third dam has a record of 25.04 lb. butter in 7 days and 865.67 lb. butter in a year and is the dam of 5 A. R. O. daughters. This is a very choice calf and backed by the highest kind of breeding.

REMEMBER—We can sell a few very high class cows and heifers that are either daughters of or in calf to Sir Pietertje Ormsby Mercedes 37th. These are not cheap animals or culls. We need the room is the only reason for selling.



LONE PINE STOCK FARM **JOHN ERICKSON, Waupaca, Wis.**



Holsteins, Jerseys, Guernseys, Ayrshires

We can't tell you in this small space the interesting story of the World's Champion Dairy Cows and how SCHUMACHER FEED, the world's greatest Carbohydrate Dairy Ration has helped cows of every breed to make World's Champion Records.

We will gladly mail you on request our booklet showing pictures and records of the World's Champions that tells the whole story—a story of interest to every dairyman.

SCHUMACHER FEED—the feed that has more World's Champion Milk and Butter Records to its Credit than all other feeds combined will prove the best feed for your cows. Get a supply from your dealer.

The Quaker Oats Company Address Chicago, U. S. A.

THE WILLINGTON HERD

Senior Sire—King Segis Pontiac Willington, 158145. The best son of King Segis Pontiac Alcartra and out of Prilly Princess Julia De Kol (30.44 butter at 4½ yrs.) His first daughter to be tested made at 21 months 23.97 butter, milk 390.5.

Junior Sire—King Korndyke Fannie Veeman, 199675. The best son of King Korndyke Sadie Vale, the only sire to have a 40-lb. daughter, a 40-lb. dam and a 40-lb. sister and out of a 30.51-lb. 3-year-old daughter of Sir Veeman Hengerveld.

Our herd is under the supervision of the U. S. Dept. of Agriculture and is guaranteed free from disease.

The only thing we have to offer is a very well grown bull born Feb. 21, 1918, sired by King Segis Pontiac Willington and from a 20-lb. 2-year-old. Priced right for quick sale.

This is a combination that cannot be beat.

GARDINER HALL, JR. & CO.

R. L. BIRDSALL, Mgr. SOUTH WILLINGTON, CONN.

WISCONSIN CHAMPIONS

Bred and Developed at

HILLSIDE STOCK FARM

Caroline Paul Parthenea, 9 yr.

30-day champion over all ages, 142.39. Former world's champion for two years' work.

Piebe Pontiac De Kol 3d, 4 yr. 5 mo.

Champion 8 months after calving, 15.49 lbs. Champion S. O. yearly, 907.06

Johanna Piebe White, 2 yr. 4 mo.

Champion 8 mo. after calving, 16.55. Champion S. O. yearly, 904.35.

Five State Champions All Bred and Developed Here

We can offer young bulls bred in the most popular lines, backed by state champion and world's champion producers and GENERATIONS OF LONG-DISTANCE WORK at prices that will attract you.

For pedigrees, etc., address

R. J. SCHAEFER

Hillside Stock Farm Appleton, Wis.

GREEN MAKES ANOTHER HIT

This is to advise you that we are still making hits with the bases full. We sold yesterday to Floyd C. Randall of North East Pa., the Holstein-Friesian bull, Walnut Crest Rag Apple De Kol Mutual, 245704, a son of King Champion Rag Apple and Queen Fayne Mutual De Kol, for $4000. He is a twin to the one sold a few weeks ago to Mr. William Coale of Warren, Ohio, and the two nearest dams of these calves average 36 lbs. of butter and nearly 700 lbs. of milk in seven days.

The demand for sons of King Champion Rag Apple is becoming greater and greater. For your information, his calves that we have sold up to date have averaged $150, and we feel confident that every purchaser has had value received.

Mr. Randall is one of Erie County's live wire Holstein breeders. He also takes twelve cows from Walnut Crest Farms, one-half of which are bred to Rag Apple Mata, the highest record bull ever sold at public auction, and Mr. Randall should be highly complimented by his neighbors and friends for bringing into his community seed of this character.

We predict that Mr. Randall's future will be very bright in Holstein circles in years to come. But few men fail to make good with the Holstein cattle industry who choose a herd sire with popular breeding and good individuality.

A. W. Green.

In 1916 the United States inspectors inspected and passed about 62,000,000 animals, the condemned animals numbered nearly 275,000. The Federal inspectors also condemned on reinspection nearly 18,000,000 pounds of meat or meat foods because they were soured, tainted, etc. All figures available indicate that meat raised in the United States is remarkably free from tuberculosis when compared with European cattle where the figures in many European countries show from 25 to 50 per cent tubercular. Experienced veterinarians like Moore who are familiar with meat inspection here and abroad state that we have by far the best system of meat inspection. The one change they suggest is less rigid condemnation. It is thought that a good part of the condemned meat might be sterilized and sold as second grade meat. Perhaps this is now the case since war has changed our methods in many salvage cases.

DO YOU NEED A HERD SIRE TO PUT YOU ON THE BREEDERS' MAP?

A Son of MAPLECREST APPLICATION PONTIAC, 132652, Will Turn the Trick for You

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

He is a son of Friend Hengerveld De Kol Butter Boy, who, with Pontiac Aaggie Korndyke, sire of his dam, represent the wonderful combination of 7-day and yearly record production that has made Maplecrest Farms famous.

The 7-day record of Maplecrest Pontiac Application, his dam, is 35.1 lbs. butter; her yearly record is 1,344.3 lbs. butter. Her dam is Banostine Belle, also the dam of Banostine Belle De Kol, with 1,322.9 lbs. butter in a year. Banostine Belle is the dam of the World's Highest Record Sisters for yearly production, being the only cow in the world with two daughters with records averaging over 1300 lbs. butter and 25,000 lbs. milk in a year. The Blue Book shows Maplecrest Application Pontiac's dam to be the 6th, and his ¾ sister the 8th highest yearly record Holsteins.

Transmitting Ability in the Highest Degree shows everywhere in his Pedigree.

A son of his from one of our Big, Healthy Heavy Milking A. R. O. cows Will Turn the Trick for You.

Come and see, or write for photo and pedigree. Priced right. Herd under strict Federal Supervision.

R. BRUCE McPHERSON Howell, Mich.

The Spirit of the Red Cross Should Enter Every Home

THROUGH the Red Cross all the love of kindred and country, which gives our National soul its greatness, finds expression.

Those who love America, believe in humanity, and have faith in God, must count themselves proud to answer "present" at the Red Cross Christmas Roll Call, December 16th to 23rd, during which period the privilege of membership is to be extended to every loyal American.

Let us grasp this opportunity to make this a Red Cross Christmas.

Let us be able to tell our boys at the front, when we send them our Christmas greetings, that America stands solidly behind the Red Cross—*their Red Cross*—with full membership in every home.

Let us tell them that this beautiful spirit of love, and compassion, and generosity, and unselfish service, has entered every home in our land—from the smallest farm in Maine to the largest ranch in California.

No other message we can send will give them greater courage or encouragement. They know what the Red Cross means to them.

Join the Red Cross

All you need is a heart and a dollar

Contributed through Division of Advertising

U. S. Govt. Comm. on Public Information

This space contributed for the Winning of the War by

The Holstein-Friesian World

1919

Wear Your Button

Fly Your Flag

Winterthur Farms WINTERTHUR DEL. and Allam

Home of King of the Sadie

KING OF THE ORMSBYS, 178078

SIR PIETERTJE ORMSBY MERCEDES, 44931

57 A. R. O. daughters—
Bess Burke Ormsby, 5 years ... 42.31
Milk ... 558.00
Queen Piebe Ormsby Mercedes, 4 yrs ... 35.10
Milk ... 569.40
Heilo Ormsby De Kol, 6 years .. 34.55
Milk ... 580.00
Bess Pietertje Ormsby Mercedes, 5 years ... 33.23
Milk ... 787.30
Colantha Pietertje Lass, 4 years 31.99
Milk ... 574.50
Haidee Fannie Ormsby, 4 years 31.20
Milk ... 565.70
Pietertje Homestead Ormsby, 6 yrs. ... 30.73
Milk ... 582.00
Easle Johanna De Kol 2d, 6 years 30.66
Milk ... 480.70

Yearly Records

Queen Piebe Mercedes, 4 years 1389.45
Bess Pietertje Ormsby Mercedes, 5 yrs. ... 1235.33
Dinah Pauline Clothilde Ormsby, 4 years ... 1146.01
Queen Piebe Ormsby Mercedes, 4 yrs. ... 1140.00
Queen Ormsby Pietertje, 3 years 993.21
Glen Canary De Kol 2d, 2 years 951.05

22 of his two-year-old daughters have made records of from 20 to 29 lbs.

Greatest sire of Association prize winners that ever lived.

Greatest sire of show ring winners in the world.

SPRING BROOK BESS BURKE 2d, 31387

Butter 7 days, 6 years ... 38.22
Milk ... 792.30
Butter 30 days ... 154.78
Milk ... 3267.60
Butter 365 days ... 1034.30
Milk ... 21,552.90
Butter 7 days, 5 years ... 36.11
Milk ... 736.10
Butter 30 days ... 146.40
Milk ... 2955.40
Butter 365 days ... 1044.91
Milk ... 23,340.10
Butter 7 days, 8 years ... 35.94
Milk ... 592.50

She has crossed the 1000-lb. butter mark for the third successive time with 100 days yet to go.

Dam of—
Bess Mercedes Ormsby (7 days) 3 years ... 26.26
Butter 365 days ... 830.95
Milk ... 17,929.70
Bess Johanna Ormsby, 2½ years 25.90
Milk ... 452.90
Butter 365 days ... 881.95
Milk ... 17,800.10
(Not officially reported)

JACK MERCEDES, 35077

7 A. R. O. daughters—
Skylark De Kol Lady Mercedes.. 30.44
Butter 30 days ... 120.00
Milk ... 2417.00
Skylark Mercedes Beauty, 4 years 22.15

By a brother to the sire of King Segis, whose 86 A. R. O. daughters include:

Queen Segis Lilith ... 35.07
Hilldale Segis ... 33.17
Segis Beets Girl ... 32.60
Belle Segis, 4½ years ... 31.87
Countess Segis ... 31.70
4 others above 30 lbs.

PIETERTJE MAID ORMSBY, 78051

Butter 7 days ... 35.56
Milk ... 535.40
Butter 30 days ... 145.66
Milk ... 2567.80
Butter 365 days ... 759.13
Milk ... 16,531.80
2 A. R. O. daughters—
Miss Korndyke Maid Ormsby.. 30.75
Milk ... 580.40
Butter 365 days ... 1255.62
Milk ... 25,418.30
Who is the dam of—
Miss Colantha Korndyke Ormsby 34.08
Butter 365 days ... 845.39
Milk ... 18,721.80

SIR JOHANNA CANARY DE KOL, 44034

16 A. R. O. daughters—
Spring Brook Bess Burke 2d ... 38.22
Milk ... 792.30
Glen Canary De Kol, 3 years ... 34.59
Milk ... 514.50
Butter 30 days ... 139.84
Milk ... 2403.80
Canary Johanna Korndyke, 6 years ... 31.36
Milk ... 569.70
Butter 30 days ... 124.80
Milk ... 2346.10
Queen Piebe of Fairview 2d 30.13
Milk ... 586.80
Butter 30 days ... 115.23
Milk ... 2480.00
Butter 365 days ... 770.58
Milk ... 18,790.50

She has six semi-official yearly records and is the dam of—

Queen Piebe Ormsby Mercedes, 4 yrs ... 35.10
Milk ... 569.50
Butter 365 days ... 952.09
Milk ... 20,286.60

SPRING BROOK BESS BURKE, 98734

Butter 7 days, 7 years ... 34.80
Milk ... 630.80
Butter 7 days, 9 years ... 31.14
Milk ... 613.30
Butter 365 days ... 1094.60
Milk ... 25,227.10
Butter 7 days 6 years ... 29.95
Milk ... 634.80
Butter 365 days ... 812.77
Milk ... 19,104.60
Butter 365 days ... 997.00
Milk 365 days ... 22,454.40
Dam of—
Bess Burke Ormsby, 5 years.... 42.31
Butter 365 days, 2 years 856.46
Spring Brook Bess Burke 2d .. 38.22
Milk ... 792.30
Bess Pietertje Ormsby Mercedes, ... 5y 33.23
Milk ... 787.30
Bess Pietertje Ormsby, 2 years. 21.55

ADVISE ALL FAR-SIGHTED DERS STUDY OF THE EST P

King of t O

At Years

King of the Ormsbys has th quarter 33.35 to 42 lbs. butter in seven yearly 1,100 lbs. at 2, 4 and 5 years of

King of the Ormsbys is hav er oppor Sir Pietertje Ormsby Mercedes b d.

With the exception of his f r, he is Pietertje Ormsby Mercedes ev

King of the Ormsbys will tra s get ju ancestors.

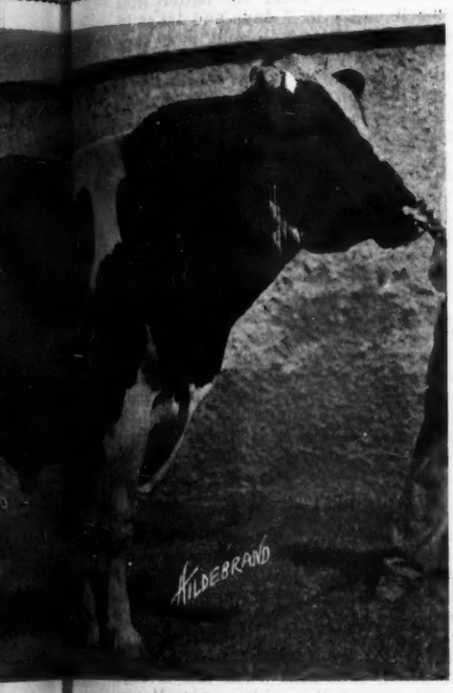
King of the Ormsbys' Sons Can Be Bough Eit

...amuchy AND Tranquillity Farms ALLAMUCHY NEW JERSEY

...e ...les and King of the Ormsbys

...GHTED ...DERS TO MAKE A CAREFUL
...F THE ...EST PEDIGREE OF

...of t... Ormsbys



At ...ears

...ys has th...-quarter sisters with records from
...n seven ... yearly records averaging close to
...years of ...
...s is hav...er opportunity than any other son of
...ercedes h...d.
... of his f...r, he is the strongest bred son Sir
...edes ever...
...s will tra...s get just what he inherits from his

HIS SIRE: Sir Pietertje Ormsby Mercedes has demonstrated his right to be classed with the world's greatest; his daughters having broken 12 world's records. He has more yearly record daughters than any other sire in the world, and also more two and three yearly record daughters. His 12 leading daughters in the yearly division average, at 4 years 2 months, 1021.85 lbs. butter, 21,741.74 lbs. milk, and but one of this number is full aged. Five of his daughters have produced from 1,000 to 1,390 lbs. butter in a year, four of them being four-year-olds. Four of his daughters, at an average age of four years, average above 27,000 lbs. milk in a year. No other sire in the world has as many daughters above 1,000 lbs. in heifer form. He has 22 two-year-old daughters that have made seven-day records from 20 to 29 lbs. He has eight daughters with records from 30 to 42 lbs.

HIS DAM: Spring Brook Bess Burke 2d is a wonderful animal, weighing 2,225 lbs. No other cow in the world has equaled her combination of short- and long-time records. She is the only cow in the world to have made three seven-day butter records each above 35 lbs. in connection with three 1,000-lb. yearly records.

HIS GRANDAM: Pietertje Maid Ormsby has a 35.56-lb. seven-day record, and she broke the world's record for 30 days in 1911. She is the dam of a 30.75-lb. cow with a 1,255.62-lb. yearly record, who in turn has a 34.08-lb. daughter. This daughter at 2 years 4 months made 845.39 lbs. butter from 18,721.0 lbs. milk (365 days). She is now on yearly test as a four-year-old and is showing great production.

HIS OTHER GRANDAM: Spring Brook Bess Burke is the only cow in the world having two daughters each with seven-day milk records above 787 lbs.; one daughter being the dam of King of the Ormsbys, the other his three-quarter sister. Spring Brook Bess Burke is the only cow in the world having three daughters above 33 lbs.; one of these is King of the Ormsbys' dam, the other his 42.31-lb. three-quarter sister. Spring Brook Bess Burke, with her three daughters, holds all the world's records for both butter and milk for 30 and 365 days. In a year the four average 1,057.71 lbs. butter, 23,889 lbs. milk.

...ough... Either of the Three Farms Named Above

OUR NEW HERD SIRE

King Korndyke Daisy Hengerveld

He is a son of King Korndyke Sadie Vale and his dam is S. V. H. Daisy, a 30.48-lb. daughter of Sir Veeman Hengerveld.

We have a few good cows bred to him for sale and will have some of his sons for sale this fall and winter. Will be glad to tell you just what we have to offer and our guarantee is back of every animal we sell. They must be just as we represent them.

FLOCK BREWING CO.

Williamsport, Pa.

Nothing Is More Important

DO YOU think of Digestibility as being just a big, vague word which has little or nothing to do with anything in particular in your line of business.

Or do you think of Digestibility as being something which really has some definite connection with the amount of money to be made from the dairy?

There isn't a thing about the dairy business any more important than Digestibility.

BUFFALO CORN GLUTEN FEED

When you pay a good price for coal to burn in the heater, and get a lot of clinkers, you don't think you have gotten your money's worth, do you?

You are up against the same thing in feed. Feed that runs 'way down in Digestibility is just as poor a buy as clinkery coal.

Feed has to break down and get through the cow's digestive tract in order to make milk. Unless a big share gets through, you lose.

1,614 of the 2,000 pounds in a ton of Buffalo Corn Gluten Feed are milk-bucket possibilities. Look over the list and see what runs higher in Digestibility.

Corn Products Refining Co. New York Chicago

A COMBINATION OF THE BEST

By reason of the fact he is still a young bull and has not been widely advertised, is is doubtful if many breeders appreciate there is a young bull in the world with his three nearest dams averaging over 800-lb. milk in 7 days and over 3300 lb. milk in 30 days. We refer to Judge Bergsma bred and owned by H. H. Stickles of New York. This youngster is sired by a son of Zady Bergsma 2d Clothilde, with records of 32.07 lb. butter from 835 lb. milk in 7 days and 131.2 lb. butter from 3490 lb. milk in 30 days. Upon these records she was awarded first honors in both the seven and thirty-day divisions for milk production for the year 1915. In addition to having made these great records, Zady Bergsma 2d Clothilde enjoys the distinction of being the dam of Zady Bergsma Clothilde De Kol one of the greatest milk producing young cows of the breed. Within two years 43 days this last mentioned animal has made three records averaging 32.65 lb. butter from 737.3 lb. milk, her best production being 34.91 lb. butter from 759.2 lb. milk in 7 days and 136.46 lb. butter from 3188.1 lb. milk in 30 days. Zady Bergsma Clothilde De Kol is the dam of Judge Bergsma which makes a duplication of the long list of splendid records of Zady Bergsma 2d Clothilde appear on the dam's side as well and it is through the fact that both his sire and dam have the same dam in common that he gets the unusually high average for his three nearest dams.

Appreciating the marvelous backing of Judge Bergsma, Paul T. Brady, the owner of The Mighty Monarch has arranged with Mr. Stickles to breed the daughters of the last mentioned sire to Judge Bergsma and needless to say the offspring will be unsurpassable in point of combined milk and butter production. It will be remembered that The Mighty Monarch is by King of the Pontiacs from Segis Hengerveld Fayne Johanna, the 47-lb. daughter of Segis Fayne Johanna that also has a record of 699 lb. milk. In fact the oldest daughter of The Mighty Monarch is now at the Stickles farm to be bred and others will be taken when they reach the proper age. We understand it has been arranged to breed the daughters of Judge Bergsma to The Mighty Monarch also and when this arrangement is in full working order Messrs. Brady and Stickles ought to be in a position to place on the market some of the richest bred representatives of the breed.

GREAT PETER

A son of a 42-lb. cow and full brother to two 42-lb. cows.

His sons carry 50% of the same blood as the only 42-lb. 2-yr-old.

SUSQUEHANNA FARMS

Lee Kinne, Owner

HARTWICK SEMINARY, NEW YORK

The 14th Consignment Sale

(Liverpool Sale Pavilion)

SYRACUSE, N. Y.

Jan. 20-21, 1919

A consignment sale of the highest quality consisting of One Hundred Fifty head from breeders enjoying a national reputation and in a position to offer animals bred in the best producing lines of the breed, in calf to the richest sires of the breed and in condition to appeal to those desirous of the very best. It will be a sale well worth waiting for and fully deserving of your patronage.

While the list of entries is rapidly filling we can arrange for a few very small consignments of highest quality from reputable breeders.

Under management of

LIVERPOOL SALE AND PEDIGREE CO.

Liverpool, N. Y.

MARYLAND FARMS

at the head of the herd

Colantha Sir Korndyke Clothilde

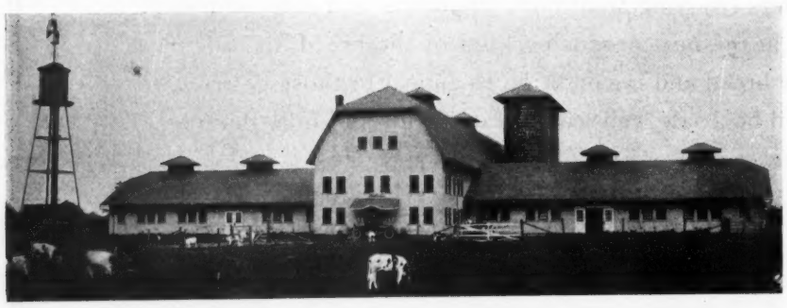
A son of the famous sire, Colantha Johanna Lad (20 30-lb. daughters) from Susie De Kol Paul 2d, a 31-lb. daughter of Sir Korndyke Manor De Kol and Susie De Kol Paul with over 30 lb.

THE HERD is made up entirely of females representing the very best lines of breeding obtainable. It now contains three 30-lb. cows.; one 30-lb. cow at 2½ years. The young daughters of Colantha Sir Korndyke Clothilde are making from 14 to 20 lbs. as 2-year-olds and promise well in the way of high production. There are now over fifty of his daughters in the herd and several granddaughters sired by **Finderne Alexis Segis Korndyke,** a son of King Pontiac Segis Korndyke from Finderne Alexis Pontiac 38.01 lb. at 3 years and these heifers will be bred to **Glenn Alex King De Kol** a son of Spring Farm King a 43-lb. 4-yr-old with the second dam above 42 lb.

INDIVIDUALITY has always been of paramount importance in the building up of this herd. Only animals that would appeal to the connoisseur have been chosen and this is illustrated that Grand Champion bull at the West Michigan State Fair for the past two years has been divided between our senior sire and one of his sons.

You are cordially invited to visit Maryland Farms when seeking the best of Holsteins.

Dudley E. Waters, Owner **Grand Rapids, Mich.**



WORLD FOOD SUMMARY

In support of its policy to keep farmers of the United States fully informed of world food conditions and probable needs for certain commodities, the U. S. Food Administration has completed a summary of unusual importance to producers.

The world balance sheet of food products, shows a shortage of three billion pounds of fats and three million tons of high protein feeds. Among fats are included pork products, dairy products and vegetable oils.

Commodities of which are sufficient supplies, if used with economy, are wheat, rye, beans, peas, rice, and feeds other than those high in protein. Sufficient beef is in sight to load all refrigerating ships' capacity.

There is enough sugar for our normal consumption if other nations retain their present short rations. If they increase their rations, there will be a shortage. Coffee is the only common food commodity of which there is a world surplus. With the possible exception of high protein feeds, the United States has sufficient food and feed for its own people, but to fulfill its pledge of 20,000,000 tons to Europe by July 1, 1919, there must be continued conservation and avoidance of waste.

The world shortage of fats is explained by Mr. Hoover as "due primarily to the fact that Europe has been steadily underfeeding its dairy herd, has made steady inroads into its herd of hogs during the war, and to the facts that there has been a great degeneration in the production of vegetable oils in certain regions owing to the inability to secure shipping."

According to Food Administration calculations, even with all our supplies and best efforts, the world will be far deficient in its normal amounts of fats for two or three years at least. The future of the American producer who is equipped for general farming seems to lie in liberal crops of meat products and home-grown feeds with which to grow livestock economically.

Now that we are all guests at a common table, a single caterer—the Inter-Allied Food Council— by common consent, adjusts the fare.

Not until shell-torn battlefields are turned into wheat fields will Europe cease to look to us for food.

FOOD WILL WIN THE WORLD

Senior Sire

King Pontiac Dione

He is sired by King Segis Pontiac, the well known sire of high priced bulls and whose dam was the first 37-lb. cow, Pontiac Clothilde De Kol 2d.

His dam, Pontiac Diona, is one of the highest yearly record daughters of the great Hengerveld De Kol.

King Pontiac Dione is an extra good individual. This can also be said of his daughters and they are making good records, both short and long time.

WAKEFIELD FARM

GEO. E. VAN HAGEN, Owner

Our herd numbers over 155 head and contains animals with the best of breeding. The herd contains a large number of daughters of our two well bred sons.

We can offer you sons of King Segis Pontiac Chicago, out of daughters of King Pontiac Dione, also sons of King Pontiac Dione from high record dams.

We will be glad to hear from you.

A. N. DUNLOP, Supt.

Barrington Illinois

Junior Sire

King Segis Pontiac Chicago

The $20,000 Bull

This highly prized young bull is also sired by King Segis Pontiac. His dam is Johanna De Kol Van Beers, the former worlds champion.

The two nearest dams of this bull average:

7 days—38.64 lbs. butter; 654.7 lbs. milk.

30 days—148.34 lbs. butter: 2676.3 lbs. milk.

His splendid individuality is transmitted in a marked degree to his offspring.

MORE MILL FEEDS IN PROSPECT

With the return of all-wheat bread to American tables following the relaxation of substitute regulations, farmers of the country may expect a somewhat increased supply of mill feeds. The amount will be further enlarged by the recently increased purchases of flour by the Food Administration Grain Corporation for export. Export of flour rather than wheat is now possible because of increased ocean tonnage available since the signing of the armistice.

A third factor which is expected to increase supplies of mill feeds is the cancellation of the so-called "milling extraction rule" which, as a war time measure, diverted into flour a considerable proportion of the wheat berry ordinarily used for feed.

All of these developments combined are expected to increase the mill feed output fully a fifth, and this extra feed should be available about the end of December. In presenting these facts the Food Administration warns against excessive optimism over the situation, since there will be a continued shortage of mill feed compared with pre-war years. The price of these feeds is being maintained by regulation at an artificially low level which obviously stimulates an abnormal demand.

Briefly, more mill feeds are in prospect and they will be available about the Christmas holidays but the supply will be short of demand and continued conservation is necessary.

3 BULLY BULLS

Grandsons of King of the Pontiacs

All sired by L H C Pontiac Vadora, a young son of King of the Pontiacs from a 26-lb. sister to a 34.48-lb. cow.

1. (Born Feb. 6, 1918). ½ white. Dam, Manor Belle Witkop Wayne, a 21-lb. granddaughter of Belle Korndyke from the same dam as a 28-lb. cow. Second dam with 20-lb. and dam of 5 tested daughters. **Price $200.**

2. (Born April 3, 1918). ¾ white. Dam, Manor Johanna De Kol Star Josephine an A. R. O. sister to three 30-lb. cows. The second dam by a son of Belle Korndyke. **Price $175.00.**

3. (Born February 25, 1918). 7-8 white. Dam, Manor Coral De Kol Colantha, a 24-lb. granddaughter of Colantha Johanna Lad from a 17-lb. 3-year-old granddaughter of Belle Korndyke. **Price $175.**

NOW is the time to get one of these young bulls.

MANOR FARMS

Pierrepont Manor, N. Y.

YEARLY RECORD BULL CALF

Born July 12, 1918

Sire—Sir Hengerveld Korndyke Ormsby, son of Pietertje Maid Ormsby 35.56, and full brother to Miss Korndyke Maid Ormsby 1255.62 butter and 25,418.3 lbs. milk in a year.

Dam—Segis Johanna Creamelle at 3 years, 9 months, 803.34 lbs. butter and 18,747.5 lbs. milk in a year. Av. test for yr., 3.43 per cent fat. Butter 7 days 21.86. Milk 495.7 lbs. Her sire is a 25-lb. son of King Segis Pontiac and her dam a 30-lb. daughter of Vikina Johanna 39.43 lbs. in 7 days and dam of the world's record 50.68 lb. Segis Fayne Johanna. The seven nearest dams of this calf average 30.14 lbs. He is more black than white, a good individual and reasonably priced. For price, photo and pedigree write

WALCOWIS FARMS

N. DICKINSON & SON Lake Geneva, Wis.

MAPLEHURST FARMS

We are consigning two very choicely bred young heifers to the Moyer Sale at Earlville, N. Y.

JANUARY 7-8-9

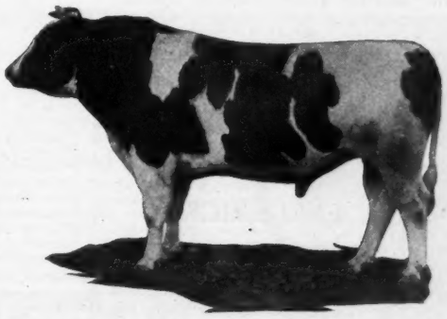
Both are bred to a son of King Korndyke Sadie Vale.

LAMB & LANGWORTHY

East Hamilton, N. Y.

SPRING FARM PONTIAC CORNUCOPIA Now Heads Wellsland Farm Herd

"The only bull with a 40-lb. dam and a 30-lb. 2-year-old daughter."



I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

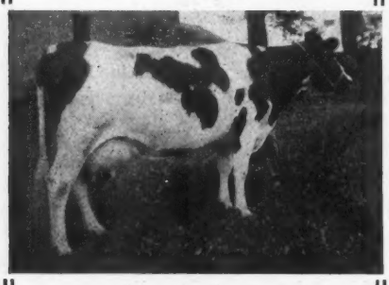
Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.

N. W. SALMON Glenfield, N. Y.

Meadow Lane Holsteins
Strong in Yearly Records



Cande DeKol Westview

118016

Grand Champion cow, Wis., State Fair, 1918.

Butter 7 days 28.11
Milk 557.70
Butter 1 year 903.69
Milk 21063.00

Now on yearly test again and will increase her record.

We are using cows like this to build our herd from. We have others with bigger seven-day records and now on yearly test doing good work.

How would a bull out of these cows by our herd sires suit you? Our sires have great yearly and seven-day backing.

AITKEN BROS.

Waukesha Wis.

A Real Herd Sire

I am offering Prince Pontiac Concordia (3-year-old) sired by Spring Farm Pontiac Cornucopia (son of the first 44-lb. cow) from Princess Concordia Pontiac with 27.62 lb. butter from 571 lb. milk, a sure 30-lb. cow. She is by King Pontiac Konigen from a daughter of a 35-lb. cow. He is sold only to prevent inbreeding.

A show bull—mostly white.

J. W. FREDERICKS

Canajoharie, N. Y.

Every table should be spread and every meal should be eaten with the wants of the world in mind.

Holstein-Friesians in Long-Time Tests Producing Above Certain Minimum Amounts of Butter Fat During July

Full-Aged Class.

Name, Number and Owner of Cow.	Total milk.	Total fat.	Total days.
Sunny Lady 182156, Hargrove & Arnold, Iowa	4426.4	208.926	60
Champion Dora Korndyke 134002, Pabst Stock Farm, Wis.	12446.9	432.894	132
Emeretta Korndyke De Kol 189227, H. F. duPont, Del.	10817.8	406.931	122
Artis Pontiac Susie Judith 177956, Hargrove & Arnold, Iowa	2252.5	90.100	29
Willow Hill Inka Pietertje 192167, Hargrove & Arnold, Iowa	12065.3	483.259	151
Spring Brook Bess Burke 2d, 131387, H. F. duPont, Del.	17242.1	690.072	204
Ava Model Hengerveld 2d 180768, A. E. Smith, Wash.	6694.6	222.327	76
Dutchland Colantha Denver 153823, Field Holstein Co., Mass.	13868.6	571.016	180
Caroline Princess Pontiac 2d 234220, L. A. Wiese, Wis.	12642.9	495.696	168
*Pauline Brightview 113832, Daisy Hill Farms, Ohio	8874.9	291.349	100
Aaggie Tehee Beets 184286, A. D. Crile, N. Mex.	11837.8	428.088	144
Tilly Alcartra 123459, A. W. Morris & Sons Corp., Cal.	20823.0	681.198	206
Pledge Fayne De Kol 2d 203108, Spencer Penrose, Colo.	6570.3	231.345	73
Princess Evertje De Kol 4th 130088, J. E. Singleton, R. I.	18195.7	685.096	232
Avalon Korndyke Countess 206064, E. D. Curtiss, Conn.	6760.8	251.280	90
Gewina Ollie Fayne 194444, Iowana Farms, Iowa	9029.7	317.434	120
Highland Colantha Ononis 173405, G. W. Everson, N. Y.	19980.1	764.848	282
Pontiac Virginia 138246, State Hospital, Mich.	13060.5	388.096	133
Andy May 2d 178084, William Braatz & Sons, Wis.	12825.2	426.762	153
Pontiac Bernice 158848, State Hospital, Mich.	11276.1	394.359	143
Lady Mutual Friend 118829, Hargrove & Arnold, Iowa	20893.0	921.244	312
Bonnie Korndyke Lass 295203, Hargrove & Arnold, Iowa	7675.8	324.040	122
Dorothy Mechthilde Zinclaria 183261, Hargrove & Arnold, Iowa	11281.8	463.683	164
Senior Four-Year Class.			
May Clifden Pontiac 212058, Daisy Hill Farms, Ohio	9892.6	305.269	102
Pontiac Dallya 244532, State Hospital, Mich.	10913.9	339.899	126
Princess Jonge Buckeye 212736, A. E. Smith, Wash.	11670.6	360.935	144
Junior Four-Year Class.			
Glen Canary De Kol 2d 227232, E. C. Schroeder, Minn.	2751.6	112.358	40
Dorothy Johanna Hengerveld 284468, Henry McCall, Oreg.	3793.1	150.713	59
*Korndyke Model Hartog 239502, Carnation Stock Farms, Wash.	8836.7	308.181	110
Walker Korndyke Segis Ophelia 258540, H. F. duPont, Del.	9062.0	205.142	106
Lola Pontiac Segis 239069, J. M. Hackney, Minn.	8575.9	279.278	94
Rose King of Cornelia 250405, Hargrove & Arnold, Iowa	9408.7	427.388	159
Flossie De Kol of Nevada 273588, A. W. Morris & Sons Corp., Cal.	7045.9	223.553	97
Fytje Changeling Mercedes Ormsby 227234, T. H. Skrei, Minn.	12306.0	406.013	137
Pietertje Pontiac Butter Girl 217654, Cleveland City Farm, Ohio	8399.2	319.397	121
Senior Three-Year Class.			
Oak Dale Lady De Kol Burke 277152, Hargrove & Arnold, Iowa	5515.2	231.439	92
Nooksack Colantha De Kol 261789, H. J. Evans, Wash.	3029.0	109.072	53
Jewel Pontiac Segis 229261, J. M. Hackney, Minn.	22969.8	806.036	289
Iowana Anna 262063, Iowana Farms, Iowa	2766.6	94.906	50
Segis Pontiac Dewdrop 351275, Field Holstein Co., Mass.	8386.5	325.528	131
Woodcrest Aaggie Walker 254011, H. F. duPont, Del.	12518.5	435.156	173
Junior Three-Year Class			
Tobe Hartog De Kol 327439, A. E. Smith, Wash.	5961.6	198.851	75
Johanna Princess Mooie 2d 253727, Palo Alto Stock Farm, Cal.	11725.1	412.117	158
Chloe Pietertje Ormsby 281908, T. H. Skrei, Minn.	11986.0	503.186	182
Oak Dale Flossie 277154, Hargrove & Arnold, Iowa	14115.0	583.842	227
Kismet Fayne of Valley View 290244, Ralph King, Ohio	13036.8	466.358	197
Reynolds Farm Ona De Kol Segis 307599, Riverode Stock Farms, Ohio	3205.7	97.774	42
Elmwood Mercedes Fobes 308501, W. H. Gruhle, Wis.	8612.9	271.860	112
Coloma Beauty Butter Maid 293381, W. J. Higdon, Cal.	11038.7	361.862	156
Reynolds Farm De Kol 299896, Riverode Stock Farms, Ohio	6663.9	214.690	105
S. F. K. P. 6th Segis 278653, Henry Stevens & Son, N. Y.	8059.2	303.725	112
Clothilde Hengerveld Washington 284469, Henry McCall, Oreg.	1815.2	62.080	31
Woodcrest Belle Walker 284817, Aitken Brothers, Wis.	10095.6	346.920	166
Johanna Dewdrop Parthenea 304842, Spencer Penrose, Colo.	1775.2	57.161	31
Senior Two-Year Class.			
Oak Dale Johanna Burke 317009, Hargrove & Arnold, Iowa	2902.9	126.653	50
Ruby Karen Mercedes 329932, O. J. Grover, Minn.	12233.6	438.409	184
Pontiac Irene 351698, State Hospital, Mich.	4872.3	153.374	67
Fancy Korndyke Segis 303835, Riverode Stock Farms, Ohio	9602.7	306.683	130
Thelma Hartog Sunland DeKol 4th 315597, Palo Alto Stock Farm, Cal.	6554.2	217.145	100
Lothian Lester DeKol Korndyke 315672, Riverode Stock Farm, O.	7344.5	264.019	125
*Hattie Jane Segis 306079, Carnation Stock Farms, Wash.	9446.0	319.741	143
Colantha Maid Ormsby 287898, E. C. Schroeder, Minn.	8367.4	297.710	130
Pioneer Segis Queen 342884, H. F. duPont, Del.	3901.9	109.250	52
Pabst Champion Hengerveld 282897, Pabst Stock Farm, Wis.	9879.9	353.623	152
K. P. Princess Bettina 275439, Ralph King, Ohio	13278.6	535.022	263
Veeman Grace Piebe 300042, J. M. Hackney, Minn.	12387.7	392.789	182
Beauty Beets Walker Segis 290163, J. M. Hackney, Minn.	21205.8	721.373	292
King of the Black & Whites Lilith 295758, Ralph King, Ohio	9898.7	345.942	169
Pietje Segis Pontiac Alcartra 292303, H. F. duPont, Del.	10369.7	373.596	169
Mercedes Laura Ollie 307236, U. S. Dairy Division, Md.	3537.9	105.947	61
Junior Two-Year Class.			
North River Tidy Netherland 358159, Hargrove & Arnold, Iowa	2433.4	99.949	44
Oak Dale Mutual Burke 322402, Hargrove & Arnold, Iowa	9282.4	407.013	173
Dutchland Pietertje Vale 333115, Field Holstein Co., Mass.	6565.1	229.649	100
Walcowis Ollie Mooie 339500, Nathan Dickinson & Son, Wis.	12953.0	471.605	183
Watson Segis Pontiac Homestead 316969, U. S. Dairy Div., Md.	5921.7	192.436	98
Bess Ormsby Maid 333425, O. J. Grover, Minn.	9867.6	412.240	194

*Strictly Official.

Holstein-Friesians in Long-Time Tests Producing Above Certain Minimum Amounts of Butter Fat During August.

Full Aged Class.

Champion Dora Korndyke 134002, Pabst Stock Farm, Wis.	15052.1	526.421	163
Pledge Fayne De Kol 2d 203108, Spencer Penrose, Colo.	8996.9	322.585	104
Emeretta Korndyke De Kol 189227, H. F. duPont, Del.	13408.9	493.992	153
Sunny Lady 182156, Hargrove & Arnold, Iowa	6270.2	295.953	91
Artis Pontiac Susie Judith 177956, Hargrove & Arnold, Iowa	4417.0	177.113	60
Ava Model Hengerveld 2d 180768, A. E. Smith, Wash.	9215.5	307.281	107
Tilly Alcartra 123459, A. W. Morris & Sons Corp., Cal.	23680.9	763.506	237
Willow Hill Inka Pietertje 192167, Hargrove & Arnold, Iowa	14219.3	561.665	182
*Pauline Brightview 113832, Daisy Hill Farms, Ohio	11047.3	364.503	131
Spring Brook Bess Burke 2d 131387, H. F. duPont, Del.	19201.8	761.601	235
Miss Pietertje Alexina 2d 196788, Hargrove & Arnold, Iowa	23539.3	1003.452	353
Senior Four-Year Class.			
Pontiac Dallya 244532, State Hospital, Mich.	13047.4	410.731	157

(Continued on page 53.)

LEAGUE GETS $4.06 FOR DECEMBER MILK

The Dairymen's League has secured from Judge Lamb, representing the United States Food Administration, approval of the price of $4.06 for three per cent milk at the 140-150 mile zone for December. This price has also been accepted by the dealers, and represents costs of production for the dairymen as figured by the Warren Formula.

The sixty thousand members of the League will heave a sigh of relief for now that the war is ended they were determined that they could no longer produce milk for less than it cost. The approval of the December price founded on the Warren Formula by the Food Administration is in itself an admission that the dairymen were right in their claims in October and November, for they only asked then costs as determined by the Warren Formula.

The claim made by the dairymen that the base price should be fixed at 250 miles from New York instead of 150 miles and that the price beyond 400 miles should be the same as at the 400 mile zone, is to be settled before January first. The dairymen maintain that the base price should be determined near the center of milk production which is approximately 250 miles from New York. The Food Administration is investigating the evidence for these claims and so far it shows that the farmers are right.

There is considerable excitement in the cities over the high price of milk and its products. No doubt the prices do seem high to the consumer, but they are no higher in proportion than prices of other foods and as far as the farmers' price is concerned, it is none too high. Grain, hay, labor and all the items that go to produce a hundred pounds of milk have increased much faster in the last two years than has the price of milk.

The high prices are all a part of a great cycle. Labor prices have increased by leaps and bounds and therefore labor and other consumers must pay sooner or later for an increase in everything else, for labor is the great fundamental. The cycle is just getting around to milk. In the meantime many farmers have been producing milk at a loss.

—E. R. Eastman.

YEARLING BULL FOR SALE

From a 35-lb. dam with 828.5 lb. milk in 7 days and sired by a son of King of the Pontiacs with one full sister above 30-lb. and another with 42.5 lb. butter from 715.5 lb. milk and a 30-lb. dam. Perfect in every way.

IDLEAZE FARMS

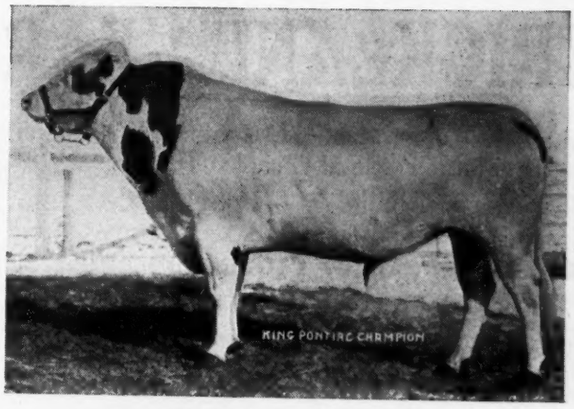
J. W. VAUGHN St. Johnsville, N. Y.

ADVERTISE

Your WANTS and FOR SALES

in the

Holstein-Friesian World



KING PONTIAC CHAMPION

Pabst King Colanthus

A Son of These Perfect Animals
Heads the Herd at

LISLE FARMS

Dept. W. H. C. Barker, Herd Mgr.

LISLE, ILLINOIS

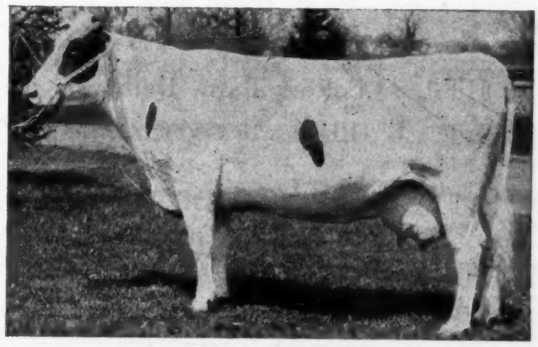
Home of

Het Loo Pietertje

World Champion 2-Year-Old

Write today for bull sale list.

(Are you interested in a bull calf from a dam 19650 lb. milk, 785 lb. butter.)



PABST HENGERVELD COLANTHUS 31.51 LB.

20 to 25% Bigger Winter Milk Yields

WITH pure, rich milk analyzing 87% water—and with your winter herd *getting only ¼ to ½ of their natural water requirement from icy outdoor tanks*, you can see where cold weather cow-thirst is one of the biggest causes of your year-after-year winter milk shortages. With

Simplex Improved Water Bowls

your cows drink "to their hearts' content" day and night. Result—*20 to 25% more milk from every cow all through the housed-in season.* And no more frozen tanks—no tank-heater makeshifts—no more twice-a-day "herding out" periods. *Write for Full Particulars on the Only Drop-Down Water Bowl on the Market.*

Rassman Mfg. Co., 29 Rowell St., Beaver Dam, Wis.

The Only "Drop Clean" Water Bowl Made

STRICKLAND FARM

It would just do you good and add a little satisfaction all around to see the cattle at Strickland Farm. Never a better lot under one roof.

Individuality, Size, Production and Health

Our barn is surely a model for light and air space—the ventilated kind.

Write me your wants. Some grand young sires and some females for sale. We do want your business and will treat you right. Correspondence answered promptly.

STRICKLAND FARM HERD

S. M. Strickland **Carthage, N. Y.**

The Brant District Breeders' Sale

Brantford, Ont,

December 18, 1918

50 Cows — 55 HEAD — 5 Bulls

Approximately all the cows are of milking age and will be fresh or due at time of sale. Many have A. R. O. records, up to 23 lbs. as mature animals and 17-lb. as 2-year-olds. A few of the females are by a son of King Fayne Segis and brother therefore to the only 50-lb. cow. There is also a high class show bull whose three nearest dams average over 30 lb. butter and over 107 lb. milk in one day.

Sale at Hunt & Coltors Barn, Dalhousie Street

TERMS: Cash with one to eight months at 7%

N. P. SAGER, Sec'y-Treas.

St. George, Ont.

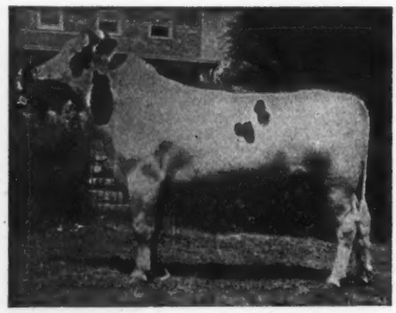
COL. WELBY ALMAS, Auctioneer

PROF. CALDWELL GOES WITH BLATCHFORD PEOPLE

Announcement is received that Prof. R. E. Caldwell, has resigned his position as chief of the Department of Dairy Husbandry at Purdue University, and has taken a position with the Blatchford Calf Meal Company as Director of their newly organized Research and Educational Department. It is planned to work out under Mr.

PROF. R. E. CALDWELL
Who recently resigned his position as Chief of the Department of Dairy Husbandry at Purdue University, to accept a position as Director of the Research and Educational Department of the Blatchford Calf Meal Company.

Caldwell's direction a service that will be valuable to the farmers of this country in regard to the nutrition of immature animals. An experimental farm will be maintained at Waukegan, Ill. Prof. Caldwell is well fitted for work of this nature. In 1908 he graduated from Kansas State Agricultural College, taking a position with the Ohio Agricultural Experiment Station in charge of experimental feeding work. In 1911 he was called to Purdue University in Indiana as associate in milk production, later being placed at the head of the dairy department, in which position he remained until his recent resignation.



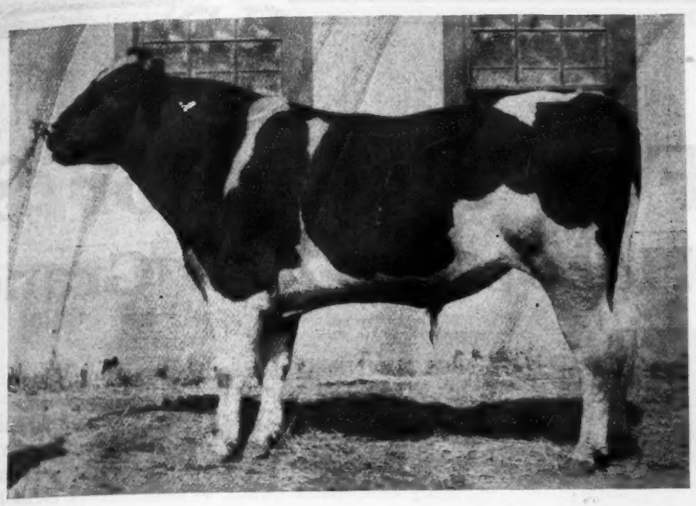
Liseter Farms Herd

Newtown Square, Pa.

This is our herd sire, Model Annie King Segis 164697. A son of Mr. E. A. Powell's old show cow, Annie De Kol Butter Girl 72910, that made over thirty pounds three times. If you like his type and breeding, buy one of his sons. We have one from a 33-lb. cow.

J. L. AUSTIN

S. W. HAGAN, Herdsman **Rosemont, Pa.**



FINDERNE JOHANNA RUE VALDESSA

This is the promising young sire at the head of the Columbine Herd of Spencer Penrose, Lytle, Colo. He enjoys a pedigree comparable with but few young sires of his age. His dam is Finderne Johanna Fayne widely known as a daughter of the famous Finderne Pride Johanna Rue. As a 3-year-old Finderne Johanna Fayne made 31.95 lb. butter from 533.3 lb. milk in 7 days and 117.26 lb. butter from 2208 lb. milk in a month. The fact that her dam is so great a cow and that her sire King Hengerveld Aaggie Fayne, one of the greatest sires of his age, gives to this bull a unique combination of breeding through his sire, King Valdessa, a son of the first 40-lb. cow. It is a most unusual thing for any sire to have as grandams two cows the equal of Valdessa Scott 2d and Finderne Pride Johanna Rue. In Mr. Penrose's herd he is having a splendid opportunity by reason of the magnificent foundation cows selected for his use. The Columbine Herd has rapidly come to the front during the past two years and we have grounds for expecting still greater things in the not far distant future.

UNITED STATES DISCIPLINARY BARRACKS, FARM COLONY

REGISTERED HOLSTEIN BULLS

1 to 12 months.

Good, straight, well-marked calves, mostly from A. R. O. dams and excellent sires. **Price, $50.00 up.** Write for particulars, or come and visit our dairy department and see for yourself.

United States Disciplinary Barracks, Farm Colony
Box G. Fort Leavenworth, Kansas.

——THEY ARE COMPLETE, HANDY AND

SATISFACTORY

THE VERDICT OF OUR PEDIGREE PATRONS

TELL US WE'LL DELIVER IT IN THE SHORTEST POSSIBLE TIME

HERD REGISTER PEDIGREES Four generations with three carbons $1.50
FOUR GENERATION PEDIGREES Ancestors in red. Costs $2.00
FIVE GENERATION PEDIGREES Two carbons, ancestors in red $3.00
SIX GENERATION PEDIGREES For your herd bull. 62 ancestors in red $7.50
SALE CATALOGS 500 catalogs cost $3.50 per page for delivery.

LIVERPOOL SALE & PEDIGREE CO. Inc. **Liverpool, N. Y.**

Where the Small Breeder Profits

Benefits To Be Derived By Membership In Holstein-Friesian Association Of America Not Limited By Size Of Herd.

Every owner of Holstein cattle —but the small breeder in particular, will derive a continuous profit from membership in this great association of more than 11,000 successful Holstein breeders.

He will be brought into close touch with the progressive work of the Association and its individual members. He will gain a better insight into the possibilities for development of the breed. He will become an active part of this great force, wherein his support and influence will help to further the good of both breed and breeder,—and share in the benefits that accrue therefrom.

The literature of this Association is in itself, a sufficient incentive for every Holstein owner to join the Holstein-Friesian Association of America. It is a wealth of data that no one can read without a pronounced betterment of condition and improvement in productiveness of his herd. It will make him more enthusiastic in his work —and enthusiasm is the first step toward success.

$25 will pay for life membership in this Association. It is an investment that will increase in value with each passing year. Whether your barns house one Holstein—or a hundred you should join now. The size of your herd makes no difference in the amount of benefit, or of the satisfaction and pleasure you will derive from it.

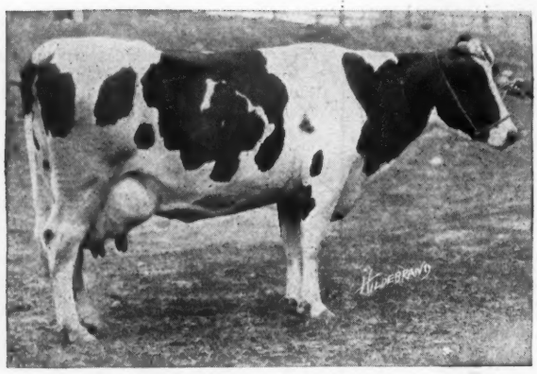
Write for copy of By-Laws, List of Members and Blank Application for Membership—today.

The Holstein-Friesian Ass'n of America

F. L. Houghton, Secretary,
Box 182 Brattleboro, Vt.

Looking For a Junior Sire

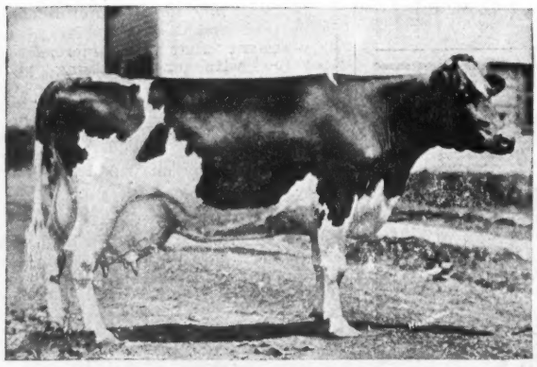
—Here's a 37-lb. Grandson



His Dam

Koo Pontiac—37.10— 7 days
149.50—30 days

Michigan 30-day A. R. O. Champion. Also a famous Show Cow. True type—plus Great Production.



His Sire's Dam

Woodcrest Dora De Kol—35.89

4 A. R. O. Daughters.

"Look at a million cows you'll not see another like Dora."—S. T. Wood.

THIS KIND COME only one in a package.

AND THIS ONE is tied with a blue ribbon too—for his dam not only was Michigan's Butter Champion in the 30 day class—till that proud title was taken from her by her stable mate, Wandermeere Belle Hengerveld;—

BUT SHE IS ALSO one of the greatest show cows in the state—won the blue ribbon in her class at the Michigan State Fair—now the leading State Fair in the United States.

SO YOU HAVE HERE those two qualities without which no bull should ever be used as a sire—true type plus great production.

KING OF THE PONTIACS was an almost perfect individual.

THE SIRE OF THIS CALF is, I verily believe, the greatest individual son of that greatest sire that ever lived.

MR. HALSEY, SUPERINTENDENT of the Pontiac herd, the fountain head of the great producing Holsteins—birthplace of Pontiac Korndyke and Hengerveld De Kol—told me recently that he had seen most of the great sons of the King and he pronounces our herd sire, Peldora De Kol, King of the Pontiacs, the greatest individual of them all.

HE JUST HAD TO BE that, because his dam is that marvelous individual, Woodcrest Dora De Kol, famous wherever Holstein-Friesians are known as an almost perfect type of the breed.

THIS YOUNG CALF is himself the logical outcome of that line of breeding—a wonderful individual.

ABOUT 80 PER CENT WHITE, beautifully marked, with the head of his great sire and grand sire, the deep barrel and the straight top line of his several ancestors.

THE AVERAGE of the records of his dam and sire's dam is 36.50 lbs. butter in 7 days and 142.63 lbs. butter in 30 days from 2466.38 lbs. milk.

HIS DAM IS KOO PONTIAC and her records are 37.10 lbs. butter from 488.30 lbs. milk in 7 days; and 149.50 lbs. butter in 30 days from 2154.06 lbs. milk.

E. Le Roy Pelletier

of Superlative Quality?

of King of the Pontiacs!

OODCREST DORA DE KOL his grand dam, produced 35.89 lbs. butter from 648 lbs. milk in a week and 135.76 lbs. butter from 2778.70 lbs. milk in 30 days.

ONDERFUL DORA has today, at ten years of age, nine living sons and daughters—four sons and five daughters.

OUR OF THOSE daughters are in the Advanced Registry and each, at her age, shows her breeding in her work.

ER LAST DAUGHTER, by the way, is by King Korndyke Sadie Vale—I'm seeing to it that her reputation will be perpetuated.

ORA" IS DESTINED to be known as one of the ten greatest foundation cows of the breed—if not the greatest.

ELL YOU THIS that you may know the kind of company you will be in if you are quick enough to secure this fellow for your future herd sire.

E HAS EVERYTHING the experienced breeder—the student—the idealist—could desire.

PE PLUS PRODUCTION—nearly all white and beautifully marked.

ELL THROW THEM WHITE too, for his own sire and a majority of his other ancestors were white or nearly so.

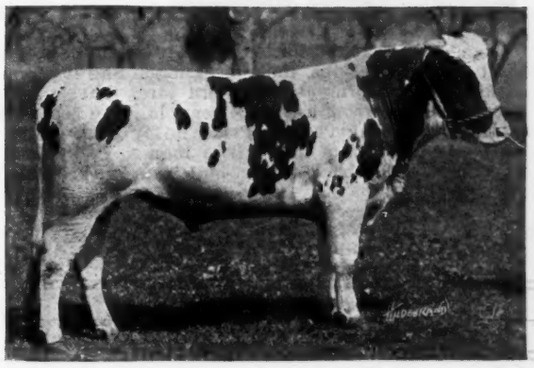
HIS CALF WAS BORN April 17, 1918, so is now nearly eight months old.

BIG FELLOW for his age, he will be ready for light service in two months.

RICE IS RIGHT TOO—set for quick sale.

HOTOGRAPH AND PEDIGREE and price for the asking.

ON'T OVERLOOK THE FACT *that our herd is under Federal supervision. This fellow has been tested and will be sold subject to retest by Federal Veterinarians.*

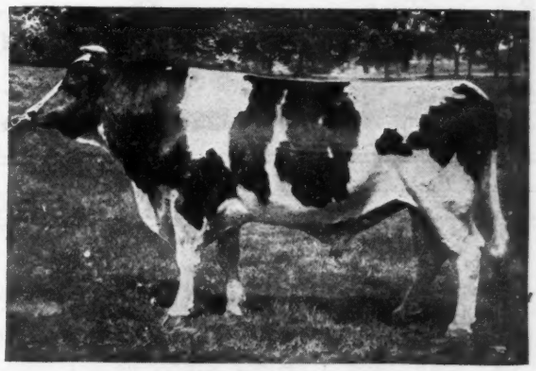


His Sire

Peldora De Kol, King of the Pontiacs

"The greatest individual son of the greatest bull that ever lived" (photo at 18 months).

Sire—King of the Pontiacs.
Dam—Woodcrest Dora De Kol 35.89.



His Sire's Sire

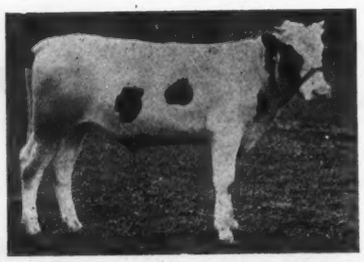
King of the Pontiacs

On all counts the greatest he-cow that ever lived.
240 A. R. O. daughters—so far!

Pontiac, Michigan

HURD FARMS

offer a very fine individual bull—



Born May 22, 1917

This youngster is sired by Fairview Boon Rag Apple, a son of the great Rag Apple Korndyke 8th and Fairview Korndyke Boon, a 32.17-lb. four-year-old daughter of Pontiac Korndyke, a full brother, therefore, to the sire at the head of Friesland Farms Herd.

The dam of the calf is HURD'S METTAMAE PONTIAC that at 3 years 1 month of age made 27.14 lbs. butter from 519 lbs. milk in 7 days and 112.62 lbs. butter from 2,441 lbs. milk in 30 days. She is sired by Hilldale Korndyke Abbekerk, my senior herd sire, that is by a son of Pontiac Korndyke and from a 30-lb. 4-year-old. The second dam is an 18.57-lb. daughter of King Pontiac Price, he by King of the Pontiacs. I have just sold the dam of this bull to John A. Bell Jr.

The strains back of this bull insure a brilliant future for him.

HURD FARMS

C. W. Hurd, Prop. **Elma, N. Y.**

THE IDEAL

Loose Leaf Herd Register

Endorsed and used by the leading breeders.
Have your entire herd written by us now and get in line for a better winter trade.

Sale Catalogs that Satisfy

Address

E. M. HASTINGS CO.
LACONA, N. Y.

Pioneer Pedigree Builders

SILVER BIRCH HERD HOLSTEINS MEXICO, NEW YORK

BULLS! BULLS!! BULLS!!!

Some Nearly Ready for Service

1. SILVER BIRCH PRINCE (Born April 17, 1918). Sire a son of King Segis Beets from a 33-lb. dam. Dam: Pet Douglas 2d Lass with a record of 22 38-lb. butter, she by Pearl of the Dairy Joe De Kol. Price $125.00.
2. SILVER BIRCH COMET (born Feb. 8, 1918). Sire: Prince Manor Korndyke, by a son of Pontiac Korndyke. Dam, Theuna Pietertje with a record of 20.90 lb. butter and better than 84 lb. in 30 days. Her dam has over 26 lbs. Price $100.
3. SILVER BIRCH METEOR. (Born May 3, 1918). Sired by a 33-lb. son of King Segis Beets from a 15-lb. junior 2-year-old daughter of B K P Lilith with 29.18 lb. butter from 640-lb. milk and a 30-day record of 118 lb. butter from 2640 lb. milk. Price $125.
4. MALE (Born August 26, 1917). Sire a 33-lb. son of King Segis Beets. Dam Anna Pledge De Kol Burke with 20.14 lb. butter from 493 lb. milk. Price $125.

These fellows are going to be sold right quick.
If you want one of them, write now.

F. E. HUETSON & SONS **Mexico, N. Y.**

FIND NEW PROCESS TO UTILIZE BUTTERMILK

Through a centrifugal process of recovery, much of the buttermilk produced in the commercial creameries may be made into soft cheese, as determined through investigations made by the department of dairying at the Ohio Experiment Station. Because the simple methods of converting skimmilk into cottage cheese do not work well with creamery buttermilk and are not adapted to large scale operations, many thousands of pounds of potential soft cheese, nearly equal in food value to meat, have been run into sewers daily by large creameries. With the new process the soft cheese may be recovered.

Under creamery conditions, with a 12-gallon capacity machine, from 350 to 400 gallons of buttermilk may be run through the centrifuge daily. The yield from a gallon of buttermilk is about one pound of cheese curd. The cheese may also be mixed and salted in the machine; it is then ready to be sold directly as plain cottage cheese. Unlike the buttermilk, the cheese is sufficiently concentrated so that it may be shipped or stored economically.

Two Holstein breeders and rivals, (we don't dare print their names) were overheard talking together the other day. "I wore a beard like yours 'till I happened to look in the glass—then I shaved it off." remarked the smooth-faced dairyman with a grin to his companion who sported a bristling set of regular whiskers.

"Well," replied the bewhiskered one sorrowfully, "You made a sad mistake, old man. I usta shave just the way you do but I took a good look at myself in the glass one day and then I started right in and growed these whiskers."

A Stroke of Genius

At the burning of a provision shop, the crowd helped themselves freely. One man grasped a huge cheese as his share of the plunder.

Rising up with it, he found himself face to face with a policeman, and with his admirable presence of mind put the plunder in the officer's arms, saying: "You had better take care of that, policeman, or some one will be walking off with it."

Instead of putting too much faith in the Belgian hare craze, it might be better to risk one's money on human Belgian heirs.

WANTED!

The best bull I can purchase for $500 or less.

FRANKLIN HETTINGER
Galien, Michigan

MOYER'S EARLVILLE SALE

250 HEAD

JANUARY 7-8-9, 1919

Guaranteed Under 60-Day Retest

Consigned by 30 Reputable Breeders

30-lb. Cows

Sons and Daughters of 30-lb. Cows

Cows and Heifers Bred to Wonderful Sires

Straight — Clean — High-Class Animals

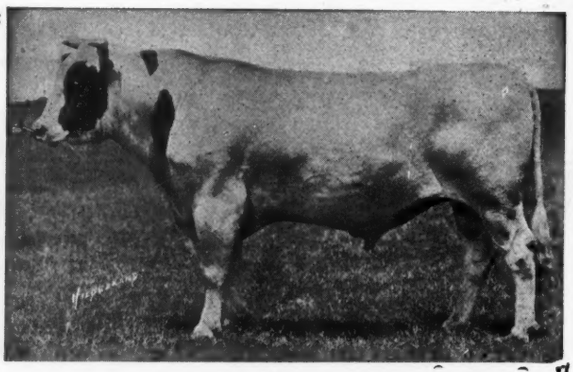
—WATCH NEXT WEEK—

THE MONEY MAKING SORT

H. A. MOYER, Sale Director

SYRACUSE, N. Y.

Study This Pedigree of



THE BLOOMINGDALE SENIOR SIRE

King Pontiac Fayne Alcartra

King of the Pontiacs, 39037
237 A. R. O. daughters—
K P Pontiac Lass 44.18
(The first 44-lb. cow.)
Butter 30 days 171.50
Butter 90 days 426.68
Butter 100 days 465.16
(World's records when made)
Idleaze Pontiac Lass 42.48
K P Diona Pietertje 40.15
Milk 825.60
K P Mercedes Prilly 3y 34.25
K P Ruby Pietertje 33.37
K P Lilith Boon 32.22
K P Gem 3½y 31.82
Butter 30 days 123.20
K P Proserpina 31.82
K P Metis 3y 31.74
Butter 30 days 130.59
14 others above 30 lbs.
134 others from 20 to 29 lbs.

Alcartra Fayne Burke, 164962
Butter 7 days at 5½ y 30.90
Milk 450.20
Butter 30 days 118.45
Milk 2096.90
At 2 yr 5 mo 3 days—
Butter 7 days 14.42
Milk 337.20
By a brother to:
Moole Veeman Pontiac 5y 36.64
Butter 7 days at 4 yr 31.76
Lyndon Alcartra Polkadot 7y 33.03
Butter 30 days 131.85
Butter 7 days at 5 y 32.54
Sethje Moole 5y 32.55
Butter 7 days at 4 yr. 31.13

Pontiac Korndyke, 25982
147 A. R. O. daughters—
Fairview Korndyke Mata 47.16
Butter 30 days 185.32
(World's record)
Korndyke Winona 42.16
Fair. Korn Heng. 3d 39.43
Pontiac Lady Korndyke 38.03
15 others above 30 lbs.

Pontiac Lunde Hengerveld, 51585
Butter 7 days 28.41
Milk 559.80
Butter 14 days 55.35
Milk 1121.50
Butter 30 days 114.82
Milk 2405.20

Moole Fayne Burke, 65431
20 A. R. O. daughters—
Alcartra Fayne Burke 30.90
Oakland Rue Burke 4½y 27.23
Long Beach Ruby Aaggie 4y 26.65
Alpha Mead Dora Fayne Burke 4y 26.26
Alpha Mead Fayne De Kol 25.31
Butter 7 days at 3 y 22.21
6 A. R. O. sons

Alcartra Polkadot Ormsby, 66334
Butter 7 days at 8 y 31.25
Butter 7 days at 6y 27.27
Butter 7 days at 5y 26.54
Butter 60 days 106.15
Butter 7 days at 3½ y 18.90
Butter 7 days at 2½y 17.41
(4 times an Assn. prize winner.)
5 A. R. O. daughters—
Alcartra Fayne Burke 30.90
4 others from 20 to 30 lbs.

BLOOMINGDALE HERD
SOMERVILLE, N. J.
A. A. Cortelyou, Proprietor Jacob Reger, Supt.

RAG APPLE THE GREAT

I read the Holstein-Friesian World,
And scan the ads depicted there;
It seems I'm at a real stock show,
A Holstein-Friesian Vanity Fair.

I con the records of the K. K. P.'s
De Kols, Colanthas, and K. K. S. V.'s
And all their champion daughters and sons.
Bred in the purple, since the game begun.

Pontiac Korndyke was a wonderful sire,
And his Rag Apple kin, one can't help but admire,
Rag Apple the Great and his peerless dam,
I'd place at the head of the whole Friesian clan.

Rag Apple the Great is a champion born;
Garlands of glory his name shall adorn;
Royalty crowns him the Holstein Peer,
So I give him the ribbon and hear the crowd cheer.

—H. L. Westphal, Antlers, Okla.

TWO WELL BRED HEIFERS

Their Sire: a son of King Korndyke Sadie Vale. His 6 nearest dams average 32.5 lb. butter from 633 lb. milk.

No. 1: from a good cow with 13.1 lb. jr. 2-yr. record Her 10 nearest dams average 27.4 lb. butter from 551 lb. milk. Five are 30-lb. cows, one is a 29-lb. cow. Will be 3 years Jan. 9. Fresh Nov. 1. Price $300.

No. 2: from a real dairy cow with 20.6 lb. at full age. Her 12 nearest dams average 25.5 lb. butter from 532 lb. milk. Five are 30-lb. cows, one is a 29-lb. cow. Will be 3 years, January 25. Due in February by a 32-lb. bull. Price $350.

ALSO A YOUNG BULL

A very attractive youngster, born June 6, 1918. Sire, same as above. Dam, a 3-yr-old daughter of a 25.7-lb. cow, next dam 23 lb.

Ten of this fellow's 15 nearest dams average 29.5 lb. butter from 582 lb. milk. Can you beat it anywhere at the price. The first check for $125 gets him.

By annual tests, under state control, we know our herd is free from tuberculosis.

W. H. WHITACRE
Penn-acre Farm
2884 Coleridge Road Cleveland, Ohio

A Grandson of

KING of the PONTIACS

from a 30-LB. DAM

An absolutely perfect individual, born April 30, 1918. He is sired by King Pontiac Mutual Pohlcrest, a son of King of the Pontiacs from a 29.33-lb. dam with a 30-day record of 111.19 lb.

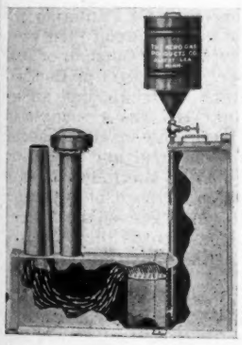
The dam is June Nathalie, a granddaughter of Hengerveld De Kol. At last freshening she made 30.55-lb. butter from 538.3 lb. milk in 7 days and 120.34 lb. butter from 2282.2 lb. milk for the month. As a junior 3-year-old she made 25 lb. She is still in our herd and under favorable conditions will be tested at next freshening. She is by a son of Hengerveld De Kol that had for a dam a daughter of Pontiac Korndyke. We guarantee this calf to please you as an individual. Write or phone for his pedigree. The price is far less than you would expect to pay for this quality. Barns within two minutes walk from station.

MEADOWVIEW FARMS W. S. Woodcock, Prop. EDWARDS, N. Y.

(Continued from page 44.)

Junior Four-Year Class.			
Flossie De Kol of Nevada 273588, A. W. Morris & Sons Corp., Cal.	9215.5	301.008	128
Lola Pontiac Segis 239069, J. M. Hackney, Minn.	10970.6	354.232	125
Walker Korndyke Segis Ophelia 258540, H. F. duPont, Del.	11209.0	365.349	137
Fytje Changeling Mercedes Ormsby 227234, T. H. Skrei, Minn.	14288.0	475.185	218
*Korndyke Model Hartog 239502, Carnation Stock Farms, Wash.	10904.9	377.216	141
Pietertje Pontiac Butter Girl 217654, Cleveland City Farm, Ohio.	10145.2	388.015	152
Senior Three-Year Class.			
Oak Dale Lady De Kol Burke 277152, Hargrove & Arnold, Iowa	7296.6	302.695	123
Fairmont Lillie Alcartra 322891, H. F. duPont, Del.	3659.2	127.760	63
Junior Three-Year Class			
Johanna Princess Mooie 2d 253727, Palo Alto Stock Farm, Cal.	14048.8	492.285	189
Tobe Hartog De Kol 327439, A. E. Smith, Wash.	**8156.1**	**276.756**	**106**
Kismet Fayne of Valley View 290244, Ralph King, Ohio	14943.5	536.715	228
Miss Pietertje De Kol 309269, O. J. Grover, Minn.	3145.8	121.457	55
Oak Dale Flossie 277154, Hargrove & Arnold, Iowa	15821.8	651.261	258
Chloe Pietertje Ormsby 281908, T. H. Skrei, Minn.	13553.8	568.406	213
S. F. K. P. 6th Segis 278653, Henry Stevens & Son, N. Y.	9667.3	362.903	143
Johanna Dewdrop Parthenea 304842, Spencer Penrose, Colo.	3669.7	116.080	62
Clothilde Hengerveld Washington 284469, Henry McCall, Oreg.	3444.6	119.435	62
Senior Two-Year Class.			
Oak Dale Johanna Burke 317009, Hargrove & Arnold, Iowa	4655.1	197.442	81
Pontiac Irene 351698, State Hospital, Mich.	**7157.5**	**223.530**	**98**
Thelma Hartog Sunland De Kol 4th, 315597, Palo Alto Stock Farm, Cal.	8609.3	281.264	131
Fancy Korndyke Segis 303835, Riverode Stock Farms, Ohio	11338.5	366.395	161
Pabst Champion Hengerveld 282897, Pabst Stock Farm, Wis.	11627.6	412.171	183
*Hattie Jane Segis 306079, Carnation Stock Farms, Wash.	11121.5	377.333	174
K. P. Princess Bettina 275439, Ralph King, Ohio	14855.4	591.471	294
Lothian Lester De Kol Korndyke 315672, Riverode Stock Farms, Ohio	8784.8	319.615	156
Pioneer Segis Queen 342884, H. F. duPont, Del.	6365.9	163.704	83
King of the Black and Whites Lilith 295758, Ralph King, Ohio	11579.2	399.550	200
Pietje Segis Pontiac Alcartra 292303, H. F. duPont, Del.	11863.2	427.063	200
Junior Two-Year Class.			
North River Tidy Netherland 358159, Hargrove & Arnold, Iowa	4215.5	171.411	75
Oak Dale Mutual Burke 322402, Hargrove & Arnold, Iowa	10790.9	463.883	204
Princess Tobe De Kol 344586, A. E. Smith, Wash.	10178.1	352.120	186
Bess Ormsby Maid 333425, O. J. Grover, Minn.	11320.7	466.877	225
K. P. Netherland Ormsby 353250, Ralph King, Ohio	8727.7	323.244	173
S. F. K. P. 6th Patje 333878, Henry Stevens & Son, N. Y.	8898.5	307.704	152
Walcowis Pontiac Jessie 335109, Nathan Dickinson & Son, Wis.	14414.6	461.749	238
Aldermoor De Kol Pietje 438065, A. E. Smith, Wash.	2916.7	93.437	60
Anokia Diotime Korndyke 332791, H. E. Cornwell, Cal.	2334.8	81.850	48
V. P. I. Dione Korndyke Girl 307301, Va. Poly. Inst., Va.	9347.8	304.340	198
Far Oaks Star Ormsby 309829, V. S. Culver, Minn.	6950.2	238.319	150
S. H. Pearl Wayne Tehee De Kol 327116, U. S. Soldiers' Home, D. C.	4481.7	153.313	102
Jennie De Kol Lunde 343491, Nathan Hamilton, Wash.	7765.5	251.607	160
Lothian Maggie De Kol 2d 315675, Riverode Stock Farms, Ohio	3500.8	110.334	74
S. H. Fannie Siempje Tehee De Kol 324929, U. S. Soldiers' Home, D. C.	4837.2	148.442	105
Creston Flossie Josie 341870, E. D. Curtis, Conn.	9205.7	323.240	199
Ursena Hengerveld De Kol Burke 305793, Woodlawn Dairy, Neb.	12247.9	451.038	281
Elm Side Colantha Butter Girl 346020, Daisy Hill Farms, Ohio	8150.9	222.942	132

The Perfection Kero-Gas Stock Tank Heater



The Heater in a Class by Itself

Burns ordinary, cheap kerosene, with gravity feed—NO air pressure used on oil tank. The most useful and labor-saving device on the farm. By its use, you eliminate all labor of kindling fires, shoveling in coal or wood and removing ashes, etc. This **KERO-GAS** Burner produces a steady blue flame of an intense heat, requires practically no attention, except to fill the oil tank; simple in construction, and easy to operate. Can be used close up to buildings, no danger of fire from flying sparks. We also supply the burners to work in the Cow Boy and similar upright heaters. If you have an extra deep cement tank, here is a heater that will do the work. Heaters are made in two heights, 25 inch and 30 inch.

Prices, Special Type Heater complete with burner, $25
Tank Burner only, for other heaters $12

Fully guaranteed. Place your order at once for immediate delivery. Heaters are only sold direct to farmers. Literature on request.

Manufactured by
THE GAS HEATING DEVICES COMPANY
107 North Center Street Marshalltown, Iowa

Conventions and Meetings

Dec. 7—Chilton, Wis.—Calumet County Holstein-Friesian Association Annual Meeting.

Dec. 10—Jersey City, N. J.—Dairymen's League Annual Stockholders meeting.

Dec. 10-11-12—Syracuse, N. Y.—New York State Dairymen's Association. 42d Annual Convention.

Secretaries of Holstein Clubs and other organizations in which Holstein men are interested, are invited to send information concerning their coming meetings, for free listing and special notice.

DO YOU KNOW?

1—That King Walker Johanna Lad heads the Summit Farms herd of over 100 head of pure bred Holsteins?

2—That he is sired by the great King of the Black and Whites who was the first bull of the breed whose seven nearest dams averaged over 30 lbs. butter in 7 days?

3—That his dam is the best daughter of the famous Lottie Walker Spofford, the first cow in the U. S. to make four consecutive records above 30 lbs.?

4—That he is being bred to the elite of our herd including the 33-lb. junior 3-year-old Champion of New England?

5—That his daughters are a splendid lot, showing a constitution and individuality conforming with the ideal dairy type?

6—That we are offering several straight, handsome sons from A. R. O. dams that are ready or nearly ready for service at prices that are within the grasp of the average dairyman?

Prices and pedigrees furnished upon request.

Summit Lumber Co.

Davidson, Maine

Holstein Printers for Thirty Years

Let us handle your next order

THE CORSE PRESS

SANDY CREEK, N. Y.

At Monroe, Orange County, N. Y.

Thursday, Dec. 12, 1918

The K. W. Bainbridge herd of

25 Pure Bred Holstein Cattle

Cows with A. R. O. records up to 23 lbs.
Heifers from A. R. O. dams.
Some fresh at time of sale, others later.
Bred from the best of sires and dams.
Catalogs on request to K. W. Bainbridge, Monroe, N. Y., or to

J. B. SISSON'S SONS, Auctioneers and Sales Managers

Grandson of a 38-lb. Cow for $200

He is 2-3 white, well marked and choice in every respect. His sire, by King Pontiac Segis Korndyke is from a 38-lb. 3-year-old daughter of a 32-lb. cow and sister to 9 30-lb. heifers. His dam as a senior 2-year-old made 21.25 lbs. butter and has produced a 20-lb. 2-year-old daughter. Safe arrival guaranteed.

Can also offer some heifers by the same sire. One to fourteen months old from dams up to 30 lb.

BUTH BROS.

COMSTOCK PARK MICHIGAN

FOR SALE

10 large registered Holstein cows, age from 3 to 9 years. A bargain for somebody. For further particulars apply to

BOQUETT VALLEY STOCK FARM

F. E. Bigelow, Proprietor Whallonsburg, N. Y.

THIRTY HEAD AT PRIVATE SALE

10 COWS 10 HEIFERS 10 BULLS

Cows have records up to 30.45 lb. in 7 days and 809 lb. butter in a year. The heifers and bulls are from these dams and sired by my 32.43-lb. son of the $50,000 bull. They must be sold in 30 days so don't wait if you are looking for real official backing and individuality.

L. Box 123 M. R. EVANS Hinckley, Ill.

(Continued from page 32.)

rington of Tulare, H. C. Hertzig of Tulare, C. H. Hacker of San Francisco, H. L. Heard of McFarland, W. F. Mitchell of Tulare, A. W. Morris & Sons of Woodland, E. Renaud of Tulare, J. F. Rolfe of Tulare, Ole Strom of Tulare, Bryce W. Sherman of Tulare, D. H. Strom of Tulare, H. R. Steelman of Exeter, H. E. Vogle of Fresno, Robert Whaley of Tulare and H. H. Whitfield of Visalia.

Superintendent George C. Kreutzer of the State Land Settlement Colony at Durham, Butte County, is trying to interest the settlers there in the purchase of pure-bred Holsteins, as well as grades. It will be remembered, as stated in this column previously, that under the rules of the colony livestock association only Holsteins are allowed upon the project. The start was made this week in the purchase of two heifers from the Richie Sale stock at Red Bluff. These animals originally came from the Stanford Vina Ranch Herd, which was dispersed more than a year ago. Colonists expect to be in the market big next spring.

W. J. Higdon of Tulare has received word from Superintendent Gardner that his heifer Madrigal Mookie II undoubtedly has made a world's record for milk for a half year for animals of her age (junior 2-year-old) but that there is not class for such records. Her milk production was 13,107.8 pounds for the period and 498.98 pounds of butter. Her yearly record probably will not be finished as she went off condition while being shown at the Fresno County Fair.

Holstein breeders of California are mourning the loss of one of their most active members, Karl Gotshall of Ripon, a member of the firm of Gotshall and Magruder. Gotshall was an influenza victim. He was a young man and a promising one in Holsteindom, noted for his cheerful and optimistic disposition. With Magruder he had built up a splendid herd of Holsteins, the future of which is even more promising for butter records than the past has been in achievements

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Word has been received by H. V. Bridgford that E. Susaeta, of Santiago, Chili, who purchased cattle for a Holstein herd in Chili from California breeders, that his younger son is coming to the University of California Farm to learn California methods in preparation for work as an active partner in the handling of the herd at Santiago.

It has been ascertained that the Bridgford young cow, Spring Farm Pontiac Maid II, a senior 4-year-old, which recently made more than 37 pounds of butter in seven days, has established a California State record for the class. She is a daughter of King Korndyke Pontiac Lass.

The cow Gerben Abbekerk Maid, owned by Stalder Brothers of Riverside, has made better than 30 pounds of butter three times, once as a 4-year-old with 30.1 pounds; once as a 5-year-old with 34.21 pounds and once as a seven-year-old with 34.36 pounds.

December 10—Fort Atkinson, Wis., Gormley Bros., Dispersion Sale.
December 11—Dunville, Ontario, Canada, Niagara Peninsula Club Sale, W. L. Houck, Stevensville, Secretary.
December 12—Wichita, Kan., W. H. Mott, Mgr.
December 17—Woodstock, Ont., Oxford Breeders.
December 18—Brantford, Ont., Can. Brant District Breeders Consignment Sale, N. P. Sager, St. George, Sec'y.
December 19, 1918—A. E. Rigby Dispersion Sale, Fonda, Iowa.
January 7, 1919—Rock Brook Farms Dispersion Sale, South Omaha, Neb.
January 7-8-9, 1919—Earlville, N. Y., Madison-Chenango Co. Breeders, H. A. Moyer, Director.
Jan. 20-21, 1919—Liverpool, N. Y. Liverpool Sale & Pedigree Co.'s Fourteenth Consignment Sale.
February 4-5, 1919—Brattleboro, Vt., Purebred Live Stock Sales Co.
February 11, 1919—South Omaha, Nebr. Nebraska Breeders' Consignment Sale, Dwight Williams, Mgr.
February 28, 1919—Newmanstown, Pa., Dispersal sale Joseph H. Witter Herd.
April 1-2, 1919—Brattleboro, Vt., Purebred Live Stock Sales Co.
April 30, 1919—Lisle, Ill., DuPage County Breeders.
June 5, 6, 7, 1919—Philadelphia, Pa.; Moyer National Sale, H. A. Moyer, Director.

Write the World about your coming sale, and we will gladly list it in this column without charge. It is a line of publicity that is closely followed by readers of the World. We wish to have it as complete as possible for their benefit, while incidentally you are the greatest beneficiary. Claim your dates and get organized early.

WATERTOWN, WIS., SEVENTH SEMI-ANNUAL

The seventh semi-annual sale of the Watertown Holstein Sales Company held November 21 22 at Watertown, Wis., was fully up to the previous high standard of these events. 140 head brought a total of $34,650, which means an average of $247.50 per head. The top price of the sale was $1350, for the 2-year-old heifer, Salma Gewina Crescent Beauty, consigned by W. H. Reed, Palmyra, Wis., and purchased by Pabst Stock Farm, Oconomowoc, Wis. This beautiful heifer is sired by a son of King Segis Pontiac and the 29-lb. former Grand Champion at the National Dairy Show, Crescent Beauty Butter Maid, and from the thrice 30-lb. cow, Salma Gewina De Kol. Mr. Reed also sold the second highest priced animal, the 30-lb. cow, Aaltje Grace Hengerveld. She was purchased for $1025 by George Hetts, Ft. Atkinson, Wis. Tyranena American Ivy, a sister to the 35-lb. former state champion brought $870, being consigned by John L. Fisher and purchased by A. W. Fischer, Bensonville, Ill. The highest priced bull in the sale was Pabst Pontiac Anthony, consigned by Pabst Stock Farm, and purchased for $800 by E. W. Marty, Montello, Wis. This youngster was sired by Pabst Pontiac Hengerveld a 31-lb. son of King Pontiac Champion in service at Pabst Stock Farm, and the dam is a 29.81-lb. daughter of King Pontiac Champion, from a 27-lb. daughter of a 29-lb. cow. The dams for three generations at the bottom of the pedigree had records above 800 lb. butter in a year, while the sire's dam is a 1000-lb. cow. The dam herself had made three different year records. The 28-lb. cow, Mercedes Johanna Hengerveld 2d, consigned by J. W. Goldthorpe, Milton Jct., Wis., was taken at $710 by J. W. Hetts, Ft. Atkinson, Wis., while another 2-year-old from the consignment of W. H. Reed came next at $700. This heifer, Salma Longfield Crescent Beauty, is a three-fourths sister to the one that topped the sale, being by the same son of King Segis Pontiac, and from a 24-lb. 2-year-old sister to the 31-lb. dam of the other. The purchaser was Fred Weffenback, North Lake, Wis. Following is a detailed report of the sale with prices above $150 and names and addresses of purchasers.

W. H. Reed, Palmyra, Wis.

Salma Longfield Crescent Beauty, Fred Weffenback, North Lake, Wis.	$ 700
Heifer calf, D. J. Len, Grand Rapids, Wis.	230
Salma Gewina Crescent Beauty, Pabst Stock Farm, Oconomowoc, Wis.	1350
Aaltje Grace Hengerveld, Geo. Hetts, Ft. Atkinson, Wis.	1025
Salma Sir Pietertje Bess, John Basch, Watertown, Wis.	290

J. W. Goldthorpe, Milton Junction, Wis.

Kayewood Martha Johanna, J. L. Fisher, Janesville, Wis.	275
Male born October 25th, 1917, J. L. Fisher, Janesville, Wis.	180
De Kol Pietertje Vale, Hertz & Douglas, New Orleans, La.	225
Male born Jan. 15, 1918, R. D. Marshall, Hartland, Wis.	200
Pearl Nephele 2d, E. H. Dirksen, German Valley, Ill.	350
Belle Flora Wayne, Henry Schichi, Hartland, Wis.	385
Mercedes Johanna Hengerveld 2d, J. W. Hetts, Fort Atkinson, Wis.	710
Heifer calf, D. J. Len, Grand Rapids, Wis.	215
Pinehurst Rose, O. B. Hanabayn, Filmore, Ill.	420
Male born June 14, 1918, J. W. Goldthorpe	130

John L. Fisher, Janesville, Wis.

Tyranena American Ivy, A. W. Fischer, Bensonville, Ill.	870
King Segis Pontiac 26th, N. W. Peabody, Star Prairie, Wis.	300

After Calving

Every Cow Should be Treated With

Hood Farm Breeding Powder

It cleanses, disinfects, causes the cow to clean quickly and breed readily. It is a safeguard against abortion, there is less use of the bull, and calves are stronger.

We quote what Mr. H. F. Weaver, of Millard, Wis., says:

"I have used your Breeding Powder for about four years with very good success. I think if every dairyman made a practice of injecting every cow three or four times after calving there would be very few barren cows."

Treatment of all cows with Hood Farm Breeding Powder is the most profitable and economical thing you can do.

Mail an order today, mentioning this paper.

Prices, prepaid, $1.15, $2.75 and $5.00. Flexible Injection Tube, by mail, 90c. Mammoth size Breeding Powder and Tube, prepaid, $5.75.

C. I. HOOD CO., Lowell, Mass.

FOR SALE

Two females 3 and 4 years old. Korndyke breeding, good size. Guaranteed all right. Bred to a 26-lb. grandson of Admiral Walker Pietertje. Price $300 for the pair.

HOMESTEAD FARM
Theresa, N. Y.

Overstocked

Shortage of room forces me to sell a number of registered females (any age) several of which are close springers. Priced reasonable if sold at once.

JOHN LINSTRUTH **Pulaski, N. Y.**

DR. GEILS
Udder Ointment

Has alleviated udder troubles in the herds of a number of breeders; it may solve a great difficulty for you.

The eastern editor of this paper has the original of the letter shown below:

"Dr. Geil, About two years ago—I sent you $5.00 for a remedy to be used for caked udders, or on cows about to be tested. It has lasted until now and I find it a most excellent remedy for all udder troubles where there is inflammation. I enclose check for $5.00, for which please send me that amount of remedy by parcel post."

The writer of the above letter is a well known New York breeder.

Send $5.00 for large can, enough to last for several years in the average herd. It will save its cost on the first case. Your money back if you want it.

DR. N. L. GEIL
BETHEL **Ohio**

Ready for Service

Prince De Kol Colantha Pontiac

Born April 15, 1917

He is nicely marked, more black than white, a nice straight individual of medium size, tuberculin tested and grandly bred.

He is sired by Dutchland Colantha Mona Lad, a son of Colantha Johanna Lad and maternal brother to Mona Veeman 33.78 lbs. Dutchland Colantha Mona Lad is a full brother to Dutchland Colantha Sir Mona, the sire of Lakeview Dutchland Artis 43.06 lbs., the Canadian Champion and of Lakeview Dutchland Colantha Rose with 31.71 lbs. as a 2-year-old.

The dam of this bull is Corona Pauline Korndyke with a record of 27.00 lbs. butter made from 412.2 lbs. milk. She is sired by Pontiac De Kol Korndyke a son of the great Pontiac Korndyke.

You cannot beat this breeding at our price of $200 f. o. b.

E. E. CLARKE

Andover, N. Y.

Ready for Service

Bull born October 16th, 1917. Well bred, nicely marked and a fine individual. For price and pedigree address:

H. R. FOSTER **Catatonk, N. Y.**

COWS AND HEIFERS FOR SALE

No fancy records but good individuals of the best of breeding at reasonable prices.

WINDRIDGE FARMS
Cazenovia, N. Y.

Mercedes Foxey Korndyke, R. Genke, Bonduel, Wis. 300

Fred Albrecht, Watertown, Wis.

King Canary Oak Fern Johanna De Kol, J. C. Bolger, Waterloo 225
King Canary Wayne Akkrummer, F. Gronert, Watertown, Wis. 265
King Canary Oak De Kol Mercedes, A. Dans, Faribault, Wis. 225
Lila King Canary De Kol, E. H Dirksen, German Valley, Ill. 190

James E. Barstow, Randolph, Wis.

Violet Farm Pet Pontiac Ormsby, Richard Genke, Bonduel, Wis. 300
Antoinette Aaggie De Kol, John Friday, Oregon, Wis. 270

John Bradley, Randolph, Wis.

Courtland Korndyke Rose, A. W. Fischer, Bensonville, Ill. 415
Aaggie Teikje Countess 3d, H. O. Olson, La Grange, Ill. 380
Courtland Korndyke Gewina, Anton S. Omerson, Barneveld, Wis. 415
Aaggie Greene Korndyke De Kol, E. H. Dirksen, German Valley, Ill. 265
Leda Snowflake 2d, S. E. Jones, Watertown, Wis. 405

W. A. Canniff, Watertown, Wis.

Wild Rose Hengerveld De Kol, A. A. Thomson, Richland Center 225
Admiral Hengerveld Johanna, E. A. Beneditz, Juneau, Wis. 165
Harvest Beets Agatha Pontiac, Chas. Hauser, Lichfield, Ill. 295
Maud Blanche De Kol, Richard Genke, Bonduel, Wis. 425
Almeda Hengerveld Johanna, L. W. Frey, Hartford, Wis. 350
Colantha Johanna, J. T. Torrey, Kenosha, Wis. 430

T. F. Dolan, Juneau, Wis.

Mutual Pride Bessie Homestead, S. E. Jones, Watertown, Wis. 265

Dennis W. Darcey, Clyman, Wis.

Meadowview Nettie Homestead, John Winkler, Merton, Wis. 280
Rhoda Mercedes De Kol Homestead, H. O. Olson, La Grange, Ill. 250

W. R. Gates, Ft. Atkinson, Wis.

Korndyke Houwtje, J. F. Frank, Larsen, Wis. 170

Edwin D. Gibbs, Fox Lake, Wis.

Johanna Boy Twisk, Theo. Luck, Harrison, Wis. 255

W. W. Goodrich, Ft. Atkinson, Wis.

Nella Clay Pietertje, Bente Bros., Oconomowoc, Wis. 180
Maude Aaggie Mercedes 2d, James Healy, Beaver Dam, Wis. 285
Maid Mercedes Jane Pride, W. H. S. Rhoda, Watertown, Wis. 300
Rosa Maid Terzool, Luebhe, Juneau, Wis. 255
Polkadot Pride, O. M. Hanahbarat, Fillmore, Ill. 325
Maid of Oak Grove Mercedes 2d, W. H. S. Rhoda, Watertown, Wis. 255

Ernest F. Kuehn, Horicon, Wis.

Sir Nixie Wayne, Louis Nehls, Juneau, Wis. 250
Sir Piebe Belle Pinehurst, DeWitt Owens, Dousman, Wis. 265
Horicon Belle Netherland, E. H. Dirksen, German Valley, Ill. 170

Robert C. Luedke, Watertown, Wis.

Watson Josie 2d, Henry Schcher, Hartland, Wis. 300
Bull calf born March 3, 1918, E. Sweeney, Clyman, Wis. 150
Piebe Laura Segis 2d, M. F. Wick, Watertown, Wis. 200

Theo. W. Luck, Horicon, Wis.

Heifer calf born November 3, 1917, A. Dans, Faribault, Minn. 230
Beauty Sunnyside, L. J. Garske, Bismarck, N. D. 330

Luedke Bros., Watertown, Wis.

Lorea De Kol Wild Rose, L. G. Garske, Bismarck, N. D. 235
Hello Aaggie Canary 2d, A. Dans, Faribault, Minn. 310
Bull calf born December 20, 1917, Henry Gres, Muscoda, Wis. 150
Hello Aaggie Diploma Canary, W. F. Wick, Watertown, Wis. 300

Edward C. Nitechke, Burnett, Wis.

Coral De Kol Beryl Wayne Lass, Richard Genske, Bonduel, Wis. 300
Westmoreland Clothilde, S. Ubert, Monroe, Wis. 440

J. E. Piper, Watertown, Wis.

Dolie Pontiac De Kol, Emil Fesch, Marshall, Wis. 205
Agnes Johanna Inka, L. J. Garske, Bismarck, N. D. 305
Idylle Haven Kash Pietertje, S. E. Jones, Watertown, Wis. 330

E. E. Randall, Watertown, Wis.

Berty Segis Korndyke, R. Genke, Bonduel, Wis. 260
Creole Belle Hiawatha Segis, A. D. Marshall, Hartford, Wis. 330

Horatio Ryder & Son, Hustisford, Wis.

La Keta True Lass De Kol, R. D. Marshall, Hartford, Wis. 330
Clothilde Piebe, Royal Hanl, Helenville, Wis. 200
Wisconsin Piebe Bride 3d, G. W. Stark, Marshfield, Wis. 195
True Homestead De Kol, John Wetinger, Janesville, Wis. 300

Henry Wieman, Watertown, Wis.

Maggie Ace Beets, Bente Bros., Oconomowoc, Wis. 200
Lizzie Peggotty Oak De Kol, J. W. Mullen, Watertown, Wis. 260
Ettie Angeline De Kol, J. W. Mullen, Watertown, Wis. 350
Tatty Lucy Beets, E. J. Goetsch & Sons, Watertown 175
Sally Brass Ace Beets, O. J. Slouffacher, Janesville, Wis. 260

Edgar O. Fehling, Juneau, Wis.

Green Valley Princess De Kol 4th, J. C. Bolger, Waterloo 210
Piebe Estata De Kol 6th, G. W. Stark, Marshfield, Wis. 260
Kate Pauline Jewel, R. D. Marshall, Hartland, Wis. 170
Green Valley Princess De Kol 3d, J. C. Bolger, Wis. 240

Andrew Frank, Fox Lake, Wis.

Wisconsin Star De Kol Mercedes, R. D. Marshall, Marshall 455
Princess Star Fobes, Reed & Kueser, Sullivan 260
Gem Rigtje Johanna Bonheur, Joseph Fischer, Janesville, Wis. 205
Polkadot Champion, J. Winkler, Merton, Wis. 250
Princess Konig Lyons, J. Winkler, Merton, Wis. 150
Female born June 1st, 1918, J. Winkler, Merton, Wis. 150
Korndyke Wisconsin Johanna, L. J. Garske, Bismarck, N. D. 200

Irvin Hooker, Watertown, Wis.

Lady Colantha Netherland Canary, Hertz & Douglas, New Orleans, La. 160
Inka Korndyke Estata De Kol, G. C. Wande, Watertown, Wis. 200
Johanna Korndyke Canary, J. H. Rassierski 190

B. G. Edgerton, Oconomowoc, Wis.

Richard De Kol Cornucopia, O. G. Morris, Dousman, Wis. 300

Reed & Kruser, Sullivan, Wis.

Maplecrest Marie King, George Burmosti, Watertown, Wis. 180

Pabst Stock Farm, Fred Pabst, Oconomowoc, Wis

Pabst Pontiac Anthony, E. W. Marty, Montello 800

Otto F. Brandt, Horicon, Wis.

Female born December 21, 1918, O. H. Dirksen, German Valley, Ill. 205
Heifer calf born Feb. 6, 1918, E. Marsche, Hortonville, Wis. 150
Heifer calf born Jan. 25, 1918, Chas. Deter 165

Canniff & Nehring, Rolling Prairie, Wis.

Highland Mercedes Polka Dot, J. Winkler, Merton, Wis. 350
Yeslet Champion Pontiac, A. W. Stark, Marshfield, Wis. 210
Adventure Lad 18th, H. O. Olson, La Grange, Ill. 185

W. L. Manweiler, Randolph, Wis.

Colantha Hengerveld Elsie, A. A. Thomson, Richland Center, Wis. 205
Colantha Hengerveld Fobes, A. L. Frey, Hartland, Wis. 265
Allrite Piebe Laura, Jacob Schcher, Hartland, Wis. 225
Madam Johanna 3rd, Louis Nelson, Oregon, Wis. 200
Allrite Johanna Fobes, Brita Bros., Oconomowoc, Wis., R. 5 165
Allrite Johanna Segis, Edwin J. Gasper, Helenville, Wis. 160

MICHIGAN BREEDERS' THIRTEENTH CONSIGNMENT SALE

The thirteenth public sale of the Michigan Breeders' Consignment Sale Co. was held Oct. 30 at Howell, Mich. 101 head brought a total of $22,300, averaging $220.80 per head. The top price for the sale was $1050 for the young bull, coming two years old. The Pastures King Segis Butter Boy, a son of the 31-lb. cow, Rosie Mercedes Butter Boy, and sired by King Pieter Segis Lyons, who was by King Pieter and from a 30-lb. daughter of King Lyons, next dam a 31-lb. 3-year-old daughter of King Segis. He was consigned by Musolff Brothers, South Lyon, Mich., and the purchasers were J. V. Stewart, E. H. Hays, and C. R. Hill, Imperial, Pa. Another young bull brought the second highest price, a calf consigned by S. H. Munsell, Howell, sired by by a bull whose two nearest dams averaged over 32 lb., and whose dam, a 25-lb. 3-year-old, was by a 33-lb. sire, and from a 29-lb. dam. The purchasers were Wm. Holcom, Linden, Mich., and E. W. Berry, Oak Grove, Mich. Several other animals brought better than $500 each. Following is a detailed report of the sale, with list of the animals selling for $200 or over, and names and addresses of purchasers.

H. W. Norton, Howell, Mich.

Mapleside Segis Anna 2d, G. W. Foster 160
Maud Posch Queen, Wm. F. Cook, Hudson, O. 290
Mapleside Maud Korndyke, Alexander W. Copland, Birmingham 290
Nortonia Pietertje Canary Lass, D. H. Hoover 155

M. H. Daniels & Son, Okemos, Mich.

Daisy Pauline Butter Boy, Wm. F. Cook, Hudson, O. 365
Lady Selma Sarcastic Lad, Alexander W. Copland 300
Lady Selma Sarcastic Lad 2d, Alexander W. Copland, Birmingham 240

J. L. Roche & Son, Pinckney, Mich.

Cornucopia Annabel Wayne, C. G. Hine, Rochester, Mich. 200
Lena Belle Johanna Korn., Merle Crandall, Howell, Mich. 385
Belmont Fayne De Kol, E. M. Bayne, Romeo, Mich. 240
Bonny Maple Fayne De Kol, Smyth & Pierce 270

S. M. Yerkes, Howell, Mich.

Mechthilde Pietertje Pontiac, Frank Wilcox, Romeo, Mich. 200
Johanna Korndyke Pride of Roselea, E. E. Sturgis 200
Princess Houwtje Johanna Korndyke, E. M. Pierce & Son, Manchester, Mich. .. 210
Fanny Cadilac Lass Mercena De Kol, E. M. Pierce & Son 270

Clay W. Gordon, Fowlerville, Mich.

Belle of Gordon Acres, E. M. Bayne, Rochester, Mich. 200
Carolyne De Kol Mercedes, E. M. Pierce & Son, Manchester 200

Est. of B. E. Hardy, Owosso, Mich.

Lote Hengerveld Abbekerk, E. E. Sturgis, St. Johns, Mich. 190
Floy De Kol, Jas. W. Wright, Maple Rapids, Mich. 300
Lady Fee Owosso, B. J. Morton, Fenton, Mich. 180

J. G. Hays, Howell, Mich.

Kimbos Kum (twin) Fred Knoff, Jr., Blissfield, Mich. 210
Chum Korndyke De Kol, C. G. Hine, Rochester, Mich. 190
Kumbos Korndyke Pearl, E. M. Pierce & Son, Manchester .....

D. M. Hart, Fowlerville, Mich.

Sadie Creamelle De Kol, Smyth & Pierce 200
Cassie Segis De Kol, Smyth & Pierce 165

S. R. Holmes & Son, Fowlerville, Mich.

Hengerveld Cadilac Maid, B. J. Morton, Fenton, Mich. 215
Bonnie Canary Mechthilde, A. L. Van Sickle & Sons, Maple Ridge 450
Queen Segis Hengerveld Korn., D. G. Rapp 290

Arwin Gillinger, Fowlerville, Mich.

Lady Floss Jewel De Kol, Burton Bunn & Son, New Hudson, Mich. 215
June Canary Pietertje, Wm. F. Cook 275

Fred E. Martin, Owosso, Mich.

Elzevere De Kol Korndyke 2d, W. Landis, Oak Grove, Mich. 270
Belle Barnum Canary Korndyke, Arthur Bullis, Pinckney, Mich. 160
Hengerveld Korndyke Belle, Wm. F. Cook 260

E. H. Morlock, Fowlerville, Mich.

Mercena Jane of Mapleside, G. W. Foster 170

S. H. Munsell, Howell, Mich.

Huntress De Kol Nig, Mosher & Orr, Dallas, Texas 330
Male born May 8, 1918, Wm. Halcom, Linden & E. W. Berry (Oak Grove) 600
Huntress De Kol Walker, D. D. Aitken 365

H. E. Reed & Son, Howell, Mich.

Countess Creamelle De Kol, E. A. Hardy, Rochester, Mich. 250
Aaggie Beryl Concordia, Wm. Griffin, Howell, Mich. 240
Rockridge Queen, R. A. McCrory & Son, South Lyon 285

John Walker, Howell, Mich.

Lucretia Norine Cornucopia, Smyth & Pierce, Manchester, Mich. 195
Victoria De Kol Gorter, Smyth & Pierce, Manchester, Mich. 230
Marjory De Kol Fayne, D. D. Aitken 425

R. Bruce McPherson, Howell, Mich.

Korndyke Mercena Vale, G. G. Hine, Rochester, Mich. 170
Korndyke Arabella Mercena, D. G. Rapp, Lansing, Mich. 165
Pietertje Wayne Johanna, G. W. Foster 205
Grant Aberdeen Sunlight Pont, M. J. McPherson, Howell, Mich. 160
Vale Cornucopia Fayne, D. D. Aitken, Flint, Mich. 500
Grant Shadeland Flossy De Kol, A. L. Van Sickle & Sons, Maple Rapids, Mich. 520
Clumy Banostine Pontiac Grant, M. J. McPherson, Howell, Mich. 225
Genieve Pietertje Hengerveld, M. J. McPherson, Howell, Mich. 250
Alfalfadale Pontiac Hazel, G. W. Foster 350
Grant Pontiac Hazel Korndyke, J. G. Horton, Fowlerville, Mich. 190
Alcartra Buttercup Segis, Wm. F. Cook 330
Pel of Rock, M. J. McPherson, Howell, Mich. 250
Alfalfadale Korndyke Myrtle, E. A. Hardy, Rochester, Mich. 300
Alfalfadale Korn. Grant De Kol, E. M. Pierce & Son 245
Hyacinth Colantha Pauline De Kol, Wm. F. Cook 210

William F. Shehan, Howell, Mich.

Apollo Maud Pontiac Howell, Alexander W. Copland, Birmingham 245
Houwtje Grant Liby De Kol, Mosher & Orr, Dallas, Texas 240
Klaver C 3d, Wm. F. Cook 250
Lady Belle Nudine, J. Robt. Hicks, St. Johns, Mich. 225
Lillian Hengerveld De Kol 2d, Jos. Wright, Maple Rapids, Mich. 235
Netherland Corrine Posch 2d, Wm. F. Cook 375
Queen Pontiac Rose, Wm. F. Cook 290

Monroe & Lewis, Owosso, Mich.

Lady Zwelle Beauty 2d, R. C. Reed, Howell, Mich. 285
Lady Mercena Zwelle, W. F. Cook 370

Van Keuren & Durfee, Howell, Mich.

Livingston Willowbridge Segis, R. C. Reed 185
Livingston Silver Lass 4th, Frank Wilcox, Romeo, Mich. 220

Chas. & August Ruttman, Fowlerville,, Mich.

Colantha Segis Wayne, Culver Lehring, Durand, Mich. 190

Musolff Bros., South Lyon, Mich.

The Pastures King Segis Butter Boy, J. V. Stewart, E. H. Hays and C. R. Hill, Imperial, Pa. 1050

Sons and Daughters of

Rag Apple Korndyke Colantha

A son of the famous sire, Rag Apple Korndyke 8th, the sire of the first 30-lb. junior 2-year-old and of the present world champion senior three-year-old. He was the first sire to sell for $25,000 at public auction.

His dam is Colantha Pietertje Korndyke, a daughter of Pontiac Korndyke with a record of 30.80 lb. butter from 529 lb. milk and she from the same dam as Fairview Korndyke Pietertje the youngest 30-lb. cow in the world.

We can offer three young daughters of this bull at $300 f. o. b. Canastota, N. Y.

We also have four young bulls, about six months old, two of which are sired by Rag Apple Korndyke Colantha from dams with records of 25 and 28 lbs. Prices $100 and up.

Lawrence & Tuttle

Canastota, N. Y.

50 POUND BREEDING

6 Heifer Calves, 4 Yearling Heifers
Several Young Cows

Sired by King Massasoit 138069—Sire: King of the Pontiacs. Dam: Eirene Fayne. Sister to 50 lb. cow, Segis Fayne Johanna.

—OR—

Walker Pietertje Segis Fayne 150495—Sire: King Walker Segis. Dam: Eirene Fayne. Sister to 50 lb. cow Segis Fayne Johanna.

For particulars write:

G. SMITH & SONS

Seelyville, Pa.

The Home of

Maplecrest Avalon, No. 203845

His dam's dam, sire's dam and sire's dam's dam average:
Butter 7 days ..... 31.25 pounds
Milk 365 days ..... 24,139.0 pounds
Butter 365 days ..... 1228.0 pounds
Fat percentage ..... 4.09 for the year

We know of no other bull in the country who can approach the above averages.

He has three crosses of Pontiac Aaggie Korndyke and two of Friend Hengerveld De Kol Butter Boy, the two greatest long distance sires of the breed.

We Are Specializing in Yearly Work

We are trying to make good seven-day records from a large amount of milk, and therefore a fairly normal per cent of fat.
We are aiming at a large per cent of fat in yearly work.
We are under the supervision of the U. S. Bureau of Animal Industry for tuberculosis.
We propose to give a clean bill of health in every way for every animal we sell.
We can spare no pure bred females at the present time, but invite inquiries for bulls with good backing at moderate prices.

AVALON FARMS

E. D. CURTIS, Owner Bantam, Conn.

THE BREED'S BEST BULL

King Netherland Segis Konigen

HE is a son of the Present World's Champion junior four-year-old, 43.59 lbs.
HIS DAM is the daughter of the Only Bull having a 43-lb. daughter and a 40-lb. full sister.
HIS SIRE is a son of a 40-lb. cow.

He Gets 50 per cent of His Blood from

King of the Pontiacs and Diona Konigen Pietertje, 37.44 lbs.

YOU can get his blood in your herd only by breeding your best cows to him. Had you not better arrange for service? Write

H. B. AYERS

7130 Meade Street Pittsburgh, Pa

FROM CHENANGO CO.

The county of Chenango, New York state, is recognized as a favorite stamping ground for the purebred Holstein. Sherburne is the Holstein center of this Holstein county, many well-known breeders living in the vicinity. Below we reprint an humorous article from the pen of Mr. Attyns, a Sherburne newspaper correspondent, which article recently appeared in a Chenango county publication. Without doubt, the animal mentioned was a scrub and not a sample of Sherburne's bovine aristocracy as it is certain that no Holstein living ever gave as little as a quart of milk at a milking. If Editor McDaniel had bought a Holstein on the start, we predict that she would have kept a glass churn, a motor, a milking machine and the assistant herdsman and advisers all busy:

Sherburne, N. Y., Nov. 16.—A man that raises up the hind end of a wagon in order to help a horse drink, is a reincarnation of Budd Doble as a reinsman, compared to the ability of Editor Harry J. McDaniel, as a dairyman. Between the increase of the cost of milk at retail, and the idea of conducting a "dairymen's corner" in his newspaper, Harry J. McDaniel took a chance getting in wrong with the society for the prevention of cruelty to animals, by purchasing a cow.

After placing a pan on the floor under the cow, Harry went whistling about other duties. On returning and failing to find any accumulation of milk in the pan he sent out an S. O. S. call to Damon Cook, whom he had engaged as boss herdsman—the books stating that such an officer was a part of a well regulated certified milk farm. Damon quit farming because three cows were too many to care for, but he was congenial to Harry by reason of the fact that Damon would be very unlikely to be around at any unusually early hour of the morning, when engaged at his work.

When Damon arrived, a common clothes-wringer dangling from the cow's udder bore mute evidence of Harry's past endeavors, and a bit and brace and sapspout in the immediate foreground, showed what would have happened to the cow if Cook had not got on the job.

Notwithstanding the fact that Damon was unable to extract over a quart of milk at a milking, for Mc-

(Continued on page 74.)

HOME FARM HOLSTEIN FRIESIANS

Your name on a card will bring you his photo, price, and pedigree

King Hengerveld Beauty Sadie Vale

He was born Feb. 19, 1918, is nearly all white. His sire is King Korndyke Sadie Vale 24th and his dam Beauty Rauwerd Hengerveld 2d, who is by Princess Segis Korndyke and out of a 29-lb. dam.

The six nearest dams of this calf average:
Butter 7 days 29.31
Milk 597.40
Butter 30 days 116.00
Milk 2436.60

His 13 nearest dams average:
Butter 7 days 29.04

If you are in the market for a splendid young herd sire, send a card for his pedigree and photo.

W. B. BARNEY & SONS

Chapin Iowa

COLE & BROOKS

We Claim We Are the World's Greatest Developers of High Records —Study This List—and Judge For Yourself

	Butter.	Milk.	
Segis Fayne Johanna	50.68	730.8	World's Record
Segis Heng. Fayne Joh.	47.35	699.1	
Fairview Korn. Mata	47.11	801.5	World's Combined Record
Fairview Korn. Mata, 30 da.	185.37	3216.6	World's Butter Record
Ormsby Jane Segis Aaggie	46.33	879.4	
Ormsby Jane Segis Aaggie, 4 years	44.42	725.4	World's Record When Made
Lady Neth. Pont., 4 years	43.57	583.8	World's Record
Rag Apple Korn. Pont., 3 years	42.42	665.6	World's Record
Korn. Winona	42.16	750.6	
Lady Pont. Johanna, 3 years	41.81	658.3	World's Record When Made
K. P. Diona Piet.	40.15	825.6	
Verona De Kol Beets, 4 years	40.14	720.1	
Albina Josie	40.14	723.3	
Etta Korn. De Kol, 4 years	39.67	667.1	
Vikina Johanna, 14 years	39.43	613.8	World's Record for Age
Fairview Korn. Heng. 3d	39.43	607.8	
Superba Palmyra, 3 years	39.24	679.4	World's Record
Riverview Pont. Hopeful	39.14	666.1	
Orchard Grove Auburn Segis, 4 years	38.63	672.6	
Ormsby Jane Piebe Segis	38.17	669.0	
Valdessa Ormsby De Kol	38.14	560.6	
Marydale Korn. Lilly De Kol	38.09	604.8	
Pont. Lady Korn.	38.03	601.4	World's Record When Made
Pearl Neth. Korn.	37.51	755.3	
Uniform Lorena, 3 years	37.47	525.4	World's Record When Made
Mottled Twist Pont. Mutual, 4 years	37.37	526.6	
Terrace Lawn Winona	37.29	615.2	
Sadie Lynch Lunde Korn.	37.16	650.8	
Fairmont Aaggie Topsy	36.02	691.7	
Diona Konigen Piet. 2d, 4 years	35.93	577.2	
Superba Maple Cove, 3 years	34.42	543.0	
Segis Fayne Joh.	33.30	624.9	
Fairview Korn. Maid	33.06	580.0	
Milanhurst America De Kol	33.06	486.6	
Albina Josie, 4 years	33.03	523.0	World's Record First Calf
Hattie Moshier Fairacres 2d	32.75	570.6	
Nellie Concordia Pont., 4 years	32.74	580.6	
Min Jessie Pont. De Kol	32.60	518.9	
Verona De Kol Beets, 3 years	32.59	526.0	
Uniform Shadeland, 4 years	32.46	623.0	
Orchard Grove Auburn Segis, 3 years	32.41	668.8	
Vikina Johanna 2d	32.32	646.0	
Diona Konigen Piet. 2d	32.28	700.7	
Pauline Lakeside Butter Boy D. K.	32.26	560.9	
Onyx Clothilde	32.24	649.3	
Amy Pont. Colrain	32.22	587.9	
Soldene Heng. Butter Girl	32.21	589.2	
D. K. Tula Pont.	32.19	603.4	
Fairview Korn. Boon	32.16	529.5	
Segis Queen De Kol	31.95	599.1	
Naiad Jewel Pet, 2 years	31.60	478.4	World's Record When Made
Lyons Heng. Princess, 4 years	31.43	551.0	
Beauty Grovers Derol 2d, 4 years	31.35	549.2	
Madaline De Kol	31.23	646.3	
Roslyn Heng. Inka, 2 years	31.14	469.9	
Fairview Pont. Rag Apple, 4 years	31.02	534.7	
Fleet Artis Korn.	31.00	547.6	
Fairview Jessie Korn.	30.89	582.4	
Fairview Korn. Rag Apple 2d	30.83	472.1	
Shadeland Orena De Kol 2d	30.81	536.1	
Joponica Neth. 2d	30.73	553.1	
Pontus Aaggie Cornu.	30.71	584.9	
De Kol Queen Lilith, 4 years	30.59	643.1	
Lucile Inka Segis	30.52	647.8	
Manly Farm Odina, 3 years	30.50	541.6	
Johanna Celeste	30.50	555.7	
Bloomingdale Heng. Palmyra	30.40	593.0	
K. P. Mutual Piet.	30.39	623.3	
Countess Pont. Axelina	30.37	543.5	
Luzette Piet. Neth. 5th	30.28	553.8	
Paul. Parthenea D. K. Sarcastic 3d	30.19	513.2	
Fairview Korn. Piet., 2 years	30.19	500.1	World's Record When Made
Superba Aaggie Topsy, 3 years	30.14	512.2	
Fairmont Korn. Iris De Kol	30.12	549.8	
Mercedes Nannette 2d	30.11	560.2	
Average for 74 records	35.03	608.1	

And many two-year-olds with records from 20 to 29.35 lbs. When thinking of purchasing stock, think of these facts and come to

COLE & BROOKS

For further information write

CRESCENT VALLEY FARM **GRANVILLE, N. Y.**

DODGE FARM
WASHINGTON, CONNECTICUT

One Swallow does not make a Summer
Nor performance in one generation prove the worth of a Holstein bull or cow.

Breed for the Future

From Long Distance Stock

Proved for Several Generations on Each Side

We have the combination in

Two Tested Long Distance Families

of Three Generations Each.

Line bred to

The Best Dairy Bull in New England

This is a cross that means
Fame to the Breed as Dairy Animals.

— GET IN LINE —

Send for a Pedigree "that's different."

NATIONAL ASSOCIATION TO BE REPRESENTED

At a meeting of the United States Live Stock Sanitary Association to be held in Chicago, Illinois, December 2 this Association will be represented by President D. D. Aitken, Director Fred Pabst of Oconomowoc, Wisconsin, and Director George E. Van Hagen of Barrington, Illinois. It is expected that W. S. Moscrip of Lake Elmo, Minnesota, a member of the Minnesota Live Stock Sanitary Board, will attend this meeting.

Representatives of the Association will attend the annual meeting of the National Society of Record Associations to be held Thursday, December 5, 1918, in Hotel La Salle, Chicago. Certain cases frequently brought to the attention of the record associations will be discussed. "Should Record Associations Permit Themselves to be used as Collection Agencies" is to be one of the topics of the evening.

F. L. Houghton, Sec'y.

CONNECTICUT BREEDERS' QUARTERLY MEETING

There will be a quarterly meeting of the Holstein-Friesian Breeders' Association of Connecticut, Inc., at New Haven, Conn., December 6th at 1 o'clock at the Garde Hotel. A good program will be provided and constructive plans for the development of the Holstein industry in this State will be discussed. It is hoped that every member of the Association will come and bring his friends. Those interested in the Association or the advancement of Holsteins in the State of Connecticut will be welcomed and should regard this as a personal invitation to attend. At this time no one who wishes to be at all up-to-date can afford to miss the opportunity to rub elbows with men who are interested in similar affairs.

The time for the meeting is 1 o'clock but a lunch will be served to those present at 12:15.

MICHIGAN HOLSTEINS TO MISSOURI

Steve Kelley and H. H. Hawley, of Winfield, Mo., recently made a trip to Morenci, Mich., where Mr. Kelley purchased six head of pure bred Holstein cows, and Mr. Hawley selected a car load of grade Holsteins.

A Son of

KING OF THE PONTIACS

FOR SALE

The sons of King of the Pontiacs are growing fewer in numbers each day, and the man that gets one of his young sons will be at the top for the next few years. We have a very choice youngster born in March of the present year.

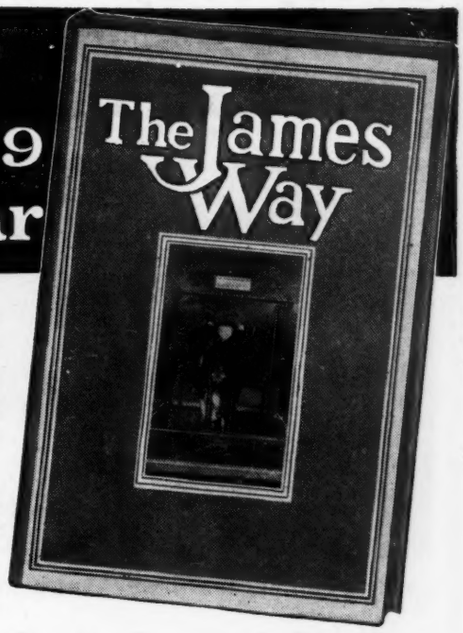
His dam is by the great Johanna King Segis, recently purchased by Winterthur Farms. She has a record of better than 27-lb. and her sire is by a son of the great King Segis from Johanna De Kol Van Beers, the second 40-lb. cow of the breed.

It is almost impossible to get the blood of King of the Pontiacs in combination with that of one of the great 40-lb. cows and this opportunity to secure that very combination should not be overlooked.

Write us today.

G. G. BURLINGAME **Cazenovia, N. Y.** **D. N. HARTT**

The Book That Will Make 1919 a Bigger Milk Year



YOU need "The Jamesway" to show you how to cut your barn work in half; how to save feed; how to force your cows to give more milk; how to keep your cows healthy and comfortable—to help you get out of dairying all the profit there should be for you in 1919 and future years.

Increased demand for milk and butter fat—the Government encouraging dairy products by urging their use as food, and by reducing feed prices; these conditions, and "The Jamesway" to show you how to make your barn a better workshop, mean 1919 should bring you more money than you ever made before.

JAMES Sanitary Barn Equipment

increases the milk yield to such an extent that it soon pays for itself. Every part of JAMES equipment helps to save work and make more milk.

Don't worry about the shortage of help. You will require less help in a JAMES barn—the work is done more easily and in less time.

The Drinking Cups cause the milk checks to jump to bigger size in a day or two—and they *stay* bigger. The Carriers are wonderful labor-savers. Stalls, Stanchions and Pens make a neat, sanitary barn that is easy to work in, save time and feed, and that keeps the cows contented and healthier. Ventilators mean healthy cows, too.

The JAMES organization makes a specialty of barns and nothing else. Expert barn designers are at your service.

"The Jamesway"—copy of which will be sent free—represents the combined skill and experience of men who *know* barns, equipment, and every problem of the dairyman. Be sure to write for it at once.

James Manufacturing Company

G.C. Cane Street **Ft. Atkinson, Wisconsin**

Fill Out the Coupon and Mail Today

James Mfg. Co.
G.C. Cane St.
Ft. Atkinson, Wis.

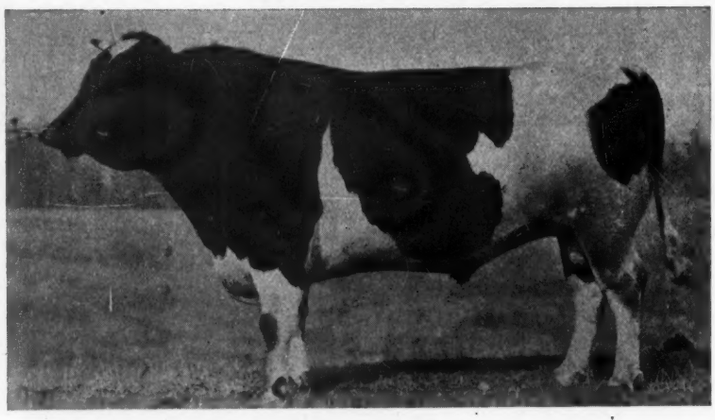
I have....cows.
I am interested in the items checked:
Building and arrangement of the Dairy Barn .....
Handling the Manure.....
Saving Barn Work.....
Bigger Milk Yields.....

Name .....
P. O. .....
R. R. Station .....
R. F. D. .....State.....

Everybody Wants Them

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort



PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with Five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and 1022 pounds of butter in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

Lothian-Riverode Stock Farm

Alexander Watt NOVELTY, OHIO L. M. Williams

DAIRYFARM MOVIES

Picture I—The hero,a bold but rash hired man is pictured prone on the ground and a so-called "gentle" bull is about to butt him into the middle of next week. Exercised neighbors are to be seen running to the H. M.'s aid armed with pitchforks, brooms, etc.

Picture II—The gentle bull is to be seen retiring into the distance with a baffled look on his expressive countenance. Others have translated that look as meaning, "better luck next time." The brave hired man is being toted houseward in a wheelbarrow while sympathizing friends whisper, "oh, dear!"

Picture III—The injured hired man is noted on his bed in the act of deciding whether he will live or die. Around him are nurse, doctor, breeder and family. (Soft music).

Picture IV—The H. M. decides to recover; orders the Boss to his bedside and tells him he'll raise his wages to $100 a week if he doesn't order a bull staff by return parcel post.

Picture V—The Boss has received the nice new bull-staff and is practicing on the gentle bull with it. He likes it so well that he says he won't let hired men run any more risks as it is better to pay $5 for a bull-staff than $200 for an H. M.'s sick bills.

Moral—A dairyman who has to keep a hired helper at any cost can't afford to run gentle bull chances.

The shades of night were falling fast
When through the streets of Berlin passed
A gink whose feet were cold as ice
And whose banner bore this strange device—
"It might have been,"—
(He was the ex-Kaiser).

Robert F. Hildebrand

The leading photographer of animals in the United States

Specialist in Holstein portraiture. Official photographer at all the leading livestock shows. Write me when you have anything to photograph. I may be in your locality next week.

New office and studio at Springfield, Mass. Main office at Union Stock Yards Chicago, Ill.

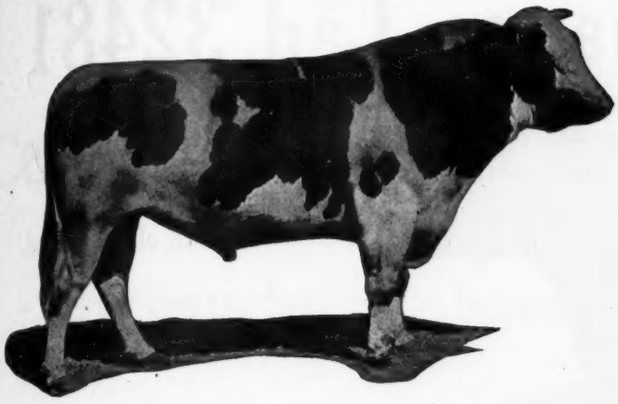
A Few of the Many Combinations to be had at HOLLYWOOD FARM

33-lb. Bull	*35-lb. Bull*	*35-lb. Bull*	*30-lb. Bull*
32-lb. Heifer	*32-lb. Heifer*	*28-lb. Heifer*	*22-lb. Heifer*
35-lb. Heifer	*32-lb. Heifer*	*26-lb. Heifer*	*21-lb. Heifer*
31.3-lb. Heifer	*32-lb. Heifer*	*26-lb. Heifer*	*20-lb. Heifer*
	20-lb. Heifer		

Write for full information, prices and pedigrees to

HOLLYWOOD FARM **Hollywood, Wash.**

A WORLD FAMED SIRE THAT HAS MADE GOOD



King Segis Pontiac Alcartra

His 78 A. R. O. Daughters Include

Woodcrest Pietje Pontiac, 4 years	31.66
Fairmont Queen Segis Hartog, 3 years	29.57
Butter 30 days	119.75
Butter 7 days, 31 months	21.06
Maplemont Alcartra Polkadot, 3 years	29.42
Fairmont Pauline De Kol, 3 years	27.49
Butter 7 days, 30 months	21.38
Fairmont Meta Ward, 2½ years	27.13
Woodcrest Pietje Pontiac, 32 months	25.20
Butter 30 days	102.01
Fairmont Lillie Alcartra, 2½ years	24.56
Fairmont Alcartra Belle	23.85
11 others above 20 lbs.	

His sons are heading many of the best herds in the country and through the work of their daughters are proving their own sire one of the best transmitting bulls of the breed.

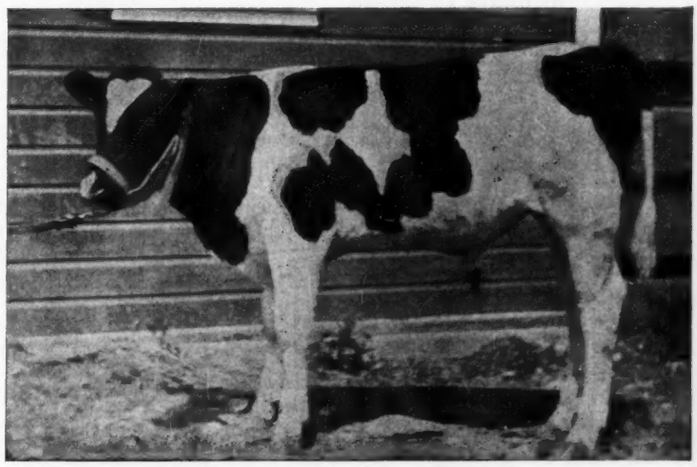
And the individuality is in keeping with their marvelous production. Just about all one could desire.

One of his sons from one of our high record cows will do the very same thing for you

John Arfmann FAIRMONT FARM Middletown, N. Y.

HE IS BRED TO PRODUCE

His Three Nearest Dams Average 30.155 lbs. Butter in Seven Days



Born December 7 1917 Now Ready for Service

SIR SHADELAND BEETS CORNUCOPIA, No. 234616

HIS SIRE

The noted Sir College Cornucopia 2d, whose dam College Belle Wayne, 824.2 lbs. milk and 35.375 lbs. butter in 7 days and 3338.1 lbs. milk and 145.68 lbs. butter in 30 days, held combined milk and butter record when made.

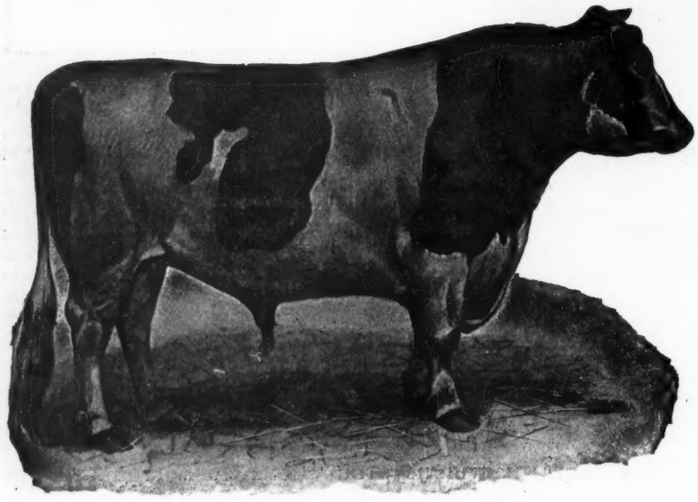
HIS DAM

Miss Shadeland Rhoda Beets 558.2 lbs. milk and 27.998 lbs. butter in 7 days from ¾ udder, (2 A. R. O. daughters, one with 28.994 at 3 yrs) is a granddaughter of King Segis. Write us for Pedigree and Prices.

Westkota Farm Belle Fourche, So. Dak.

M. J. SMILEY, Owner

Colantha Johanna Lad 32481



117 A. R. O. Daughters

Greatest Producing and Transmitting Bull of the Breed.

The phenomenal performances of his daughters and the wonderful work of his sons are unequalled.

We Offer

FOR SALE

The last and only son of the great Colantha Johanna Lad we will have.

King Rag Apple Aaggie Colantha

At 2 years old, ready for heavy service and the greatest bred one living.

His Dam

Rag Apple Aaggie Colantha 233800

Butter 7 Days	**34.70** lbs.
Milk	553.20 lbs.
Butter 30 days	138.45 lbs.
Milk	2403.30 lbs.
(at 3 years old)	

Notice her wonderful breeding.

Dutchland Sir Pontiac Rag Apple, 47282
34 A. R. O. daughters
Full brother to Pontiac Clothilde De Kol 2d—
Butter 7 days 37.21 lbs.
Milk 646.10 lbs.
Butter 1 year 1271.60 lbs.
Milk 25318.00 lbs.

Pontiac Korndyke, 25982
147 A. R. O. daughters
Fairview Korndyke Mata 47.16 lbs.
19 from 30 to 47.16 lbs.

Manor Josephine De Kol, 22779
6 A. R. O. daughters

Belle Korndyke, 13913
Butter 7 days 25.77 lbs.

Pontiac Clothilde De Kol, 49657
Dam of Pontiac Clothilde De Kol 2d
Butter in 7 days 37.21 lbs.
Pontiac Rag Apple 31.62 lbs.

Hengerveld De Kol, 23102
116 A. R. O. daughters

Rag Apple's Clothilde Artis, 34741
3 A. R. O. daughters

Dutchland Colantha Aaggie Cornucopia, 110176
Butter in 7 days 34.76 lbs.
Milk 676.40 lbs.
Butter in 30 days 134.84 lbs.
Milk 2763.60 lbs.
Butter in 60 days 252.76 lbs.
Milk 5279.50 lbs.
Sister to Dutchland Colantha Vale butter 1082 lbs., milk one year 27625 lbs.

Colantha Johanna Lad, 32481
117 A. R. O. daughters
20 from 30 to 36.00 lbs.
27 from 600 lbs. milk to 750.00 lbs.

Sarcastic Lad, 23971
34 A. R. O. daughters

Colantha 4th's Johanna, 48577
Butter 7 days 35.22 lbs.
Milk in one year 27432.00 lbs.
Butter 1247.00 lbs.

Aaggie Cornucopia of Dutchland, 80000
Butter in 7 days 30.00 lbs.
Milk 601.50 lbs.
Butter in 30 days 113.28 lbs.
Milk 2563.30 lbs.

Lilith Pauline De Kol's Son, 30412
25 A. R. O. daughters

Aaggie Cornucopia Pauline, 48426
Butter in 7 days 34.32 lbs.
Milk 713.00 lbs.
Butter in 30 days 137.62 lbs.

NOTED FIELD HERD

Owned by

D. W. FIELD FARM CO. **Oak Street, Montello, Mass.**

Over the top

We can't stop him.

The Phenomenal record of

Colantha Johanna Lad

117 A. R. O. Daughters. 29 above 30 lbs.

27 daughters above

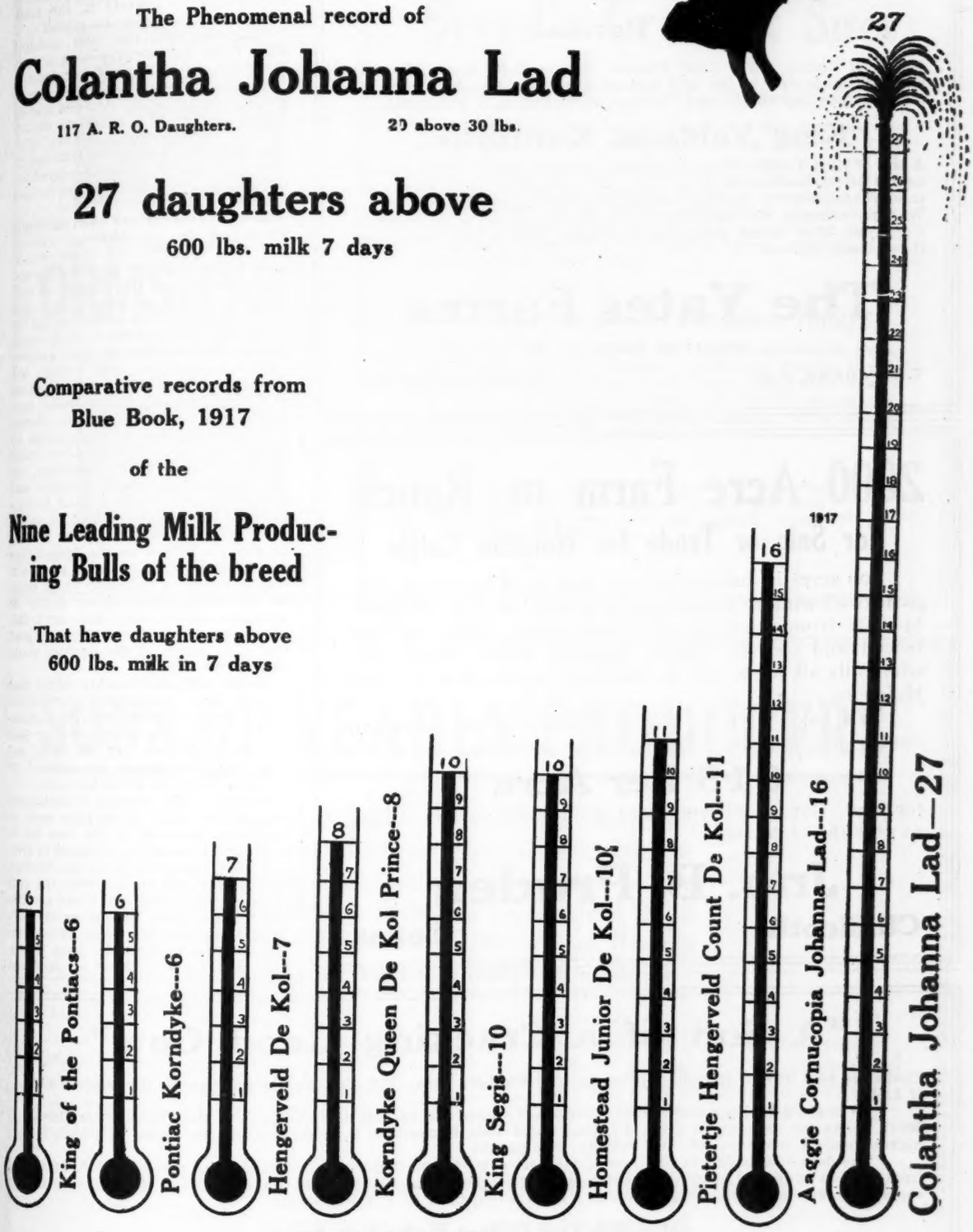
600 lbs. milk 7 days

Comparative records from
Blue Book, 1917

of the

Nine Leading Milk Producing Bulls of the breed

That have daughters above
600 lbs. milk in 7 days



BULL CALVES FOR SALE

NOTED FIELD HERD

OWNED BY

D. W. FIELD FARM CO. Oak Street, Montello, Mass.

The Yates Farms

Home of

Rex Pontiac

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

King Valdessa Korndyke

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and grandam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these lines, address

The Yates Farms

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

2000 Acre Farm or Ranch

For Sale or Trade for Holstein Cattle

300 acres in cultivation, 150 now growing wheat, can pasture all winter. Is well located 4 miles from R. R. town. ½ mile from good school. Good house, barn, etc. All fenced and crossed fenced. Running water. Wells and windmills all joins, and in fact is a model place to raise Holsteins.

Will take ½ to 2-3 pay in Holstein cattle worth the money and will take extremely low price of

$15 Per Acre

for land. Get busy if you want good home and some land to give the children.

Jno. B. Pruden

Chillicothe Texas

(Continued from page 58.)

Daniel's family of six, the optimistic owner had already purchased a fancy glass churn, and a beneficent local agricultural implement dealer, in order to save McDaniel from undue exertion had practically sold him a horsepower to operate it, the same power, by the way to be applied to a milking machine that was installed after Cook had succeeded as a demonstrator, but failed as an instructor. William Champ got wind of the horsepower deal and short circuited that by selling an electric motor to do the milking and operate the churn. The rocking chair that Harry proposed to use as a milking stool was converted into a seat for him while supervising matters.

The pint of cream that McDaniel succeeded in sequestering was not sufficient to prime the churn, whereupon Damon brought some from home, which terminated the relation of master and servant as after quite a period of agitation and operating, the finished product consisted of a churn partly filled with as near whipped cream as anything else. When McDaniel ascribed this to the thinness of Cook's cream, the business relationship was over. Neighbor James Kehoe was called in consultation by reason of the fact that a few years prior to James' birth, his father, Andrew Kehoe, conducted a butter and cheese factory, which caused McDaniel to believe James should be an expert. The second churning proving as great a failure as the first, Kehoe decided that somewhere on the churn was a button or indicator which could be set to produce either butter or whipped cream, and that until this was located and placed in proper position, the nature of the product would remain the same.

Harry will also frankly admit that he has had to abandon his favorite idea of allowing the milk to accumulate in the udder three or four days and then make a big job of it, and that the cow cannot be watered by running the hose down her neck.

However, his courage is undaunted and if she fails to produce such an enormous revenue as he was led to believe she would, he proposes to drive her back and forth along the sidewalk this winter and stamp down the path he never shovelled, and if she survives the winter, stake her out on the lawn in the summer and thus obviate the necessity of pushing the lawn mower, thus in any event, she is not dead loss.

"A Son of a Cracking Good Cow"

That's the best way to describe this youngster born April 28th, 1918, that we are offering for the nominal sum of $250.

He is sired by King Sadie Vale Hengerveld whose two nearest dams average 39.22-lb. butter from almost 600-lb. milk, one as a senior 3-yr-old. King Sadie Vale Hengerveld is by King Korndyke Sadie Vale from the highest record daughter of Sir Veeman Hengerveld.

The dam of this calf is just one of the best cows in our herd. As a 4-yr-old she made 19.06-lb. butter from 431.7-lb. milk and is by the great bull Aaggie Cornucopia Johanna Lad 8th a 30-lb. son of Aaggie Cornucopia Johanna Lad. The second dam is a 20.35-lb. daughter of Pontiac Boreas.

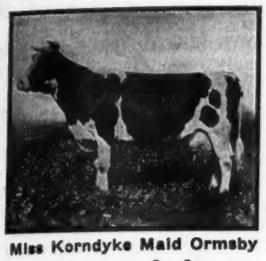
At $250 You Cannot Beat This Fellow.

LEVELACRES HERD **Utica, N. Y.**

LINN KINNE, Owner

Woodlake Farm

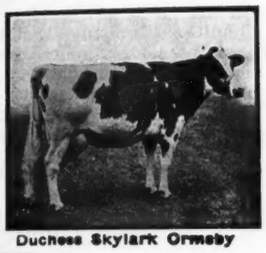
JOHN B. IRWIN, Prop.



Miss Korndyke Maid Ormsby

"Home of the

ORMSBYS"



Duchess Skylark Ormsby

ADDRESS-
STATION F., MINNEAPOLIS, MINN.

Herd Headed by Two of the

Breed's Greatest Sires

King Korndyke Colantha Ormsby 96546

A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby is Miss Korndyke Maid Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

Sir Ormsby Banostine Champion 166276

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow. He is sired by Maplecrest Butter Boy De Kol whose sire and dam's sire each have four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.

SONS OF YEARLY PRODUCERS

Sons of Finderne Pride Johanna Korndyke, A Son of Finderne Pride Johanna Rue, the Greatest Yearly Milk Producing Cow, and out of Dams with Seven-day Records from 20 to 31 Pounds and Large Semi-official Records. just the kind you want to head a herd of producers.

The whole world is hungry for milk. Use a sire bred for all-year-round production and one which can also show a seven-day production as well. Send for pedigrees of some of the finest bull calves ever offered.

Whenever you are in Syracuse, call James 2866 and let us take you to the farm and show you some real cows, and sons and daughters of real cows. It will put you under no obligation to buy.

We still have a few Registered Percheron Colts for sale.

ANTRIM FARMS

C. L. AMOS, Proprietor **SYRACUSE, N. Y.**

SIR
JOHANNA
FAYNE
42147

The only bull living with four daughters with records above 23,000 pounds milk in a year or seven above 20,000.

Never mind the 7-day forced record. It is the normal production during the other 358 days that determines a cow's ability.

IOWANA FARMS, Davenport, Iowa

PONTIAC KORNDYKE

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs. and four daughters averaging 41.57 lbs.

ONE OF HIS BEST SONS

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. Daughter of King Segis

SOME COMBINATION

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

This quality will move quick. Address

HUGH J. DAVIS

Maple Ridge Herd **Broadalbin, N. Y.**

NEW YORK STATE DAIRYMEN MEET DEC. 10-12

The 42nd Annual Convention of the New York State Dairymen's Association will be held this year on December 10th, 11th and 12th at the Joseph Slocum College of Agriculture, Syracuse University, Syracuse, N. Y. The large auditorium of this splendid Agricultural building has very generously been given to the dairymen for their three days' meeting.

The manufacturers of dairy and farm machinery are exerting the same interest in this convention as in former years and the space in the exhibition hall is now all taken.

Educational exhibits of dairy products will be shown in the exhibition hall by Syracuse University, Cornell University, The Onondaga County Farm Bureau, and the New York State Department of Agriculture.

Every effort is being made by the officers of the Association to have the 1918 meeting the most interesting and educational, from the standpoint of the dairymen ever held in this state. Conditions brought about by the war have presented many new problems for the dairymen and with the return of peace, they should be thoroughly alive in preparing for the after-war adjustments. A program is being arranged to give every assistance to the dairymen along these lines.

GRADE HOLSTEINS AVERAGE $174 IN ILLINOIS

At Oregon, Ill., early in November, Charles Reed held a sale of Grade Holsteins in which 32 head brought an average of $127.50. The cows made an average of $174.00 each while the young cattle averaged $124.25 per head.

FOR SALE

7-months-old bull calf sired by Champion Mobel Hengerveld, dam untested. Price $125.

6-weeks-old bull calf by King Segis Model, dam by Cantrilla Hillside Pietje. Price $85.

J. H. CLENDAMIEL
Kennedyville, Md.

BULLS

Sired by Sir Johanna Korndyke Fayne from fine large cows weighing from 1200 to 1600 lbs. Many of the dams have A. R. O. records.

A. S. SLINDEE **Adams, Minn.**

We Will Sell Ten Females

FOUR yearlings
SIX two to eight years old

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

Aaggie Cornucopia Johanna Lad 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKay Brothers **Waterloo, Iowa**

The War Is Over!

NOW

Is the time, gentlemen, to start right if you ever intend to

King Korndyke Pontiac Lass

Son of the first 44-lb. Cow
K. P. Pontiac Lass

Is For Sale!

Someone is going to get him and get him **right**, for I am obliged to sell him on account of having so many of his daughters to breed and practically all females of the

IOWA BELLE HERD

Are Bred to Him

Get busy, make an effort to be first and get this 44-lb. blood at the head of your herd. Also have some fine sons of King for sale.

C. S. MULKS, Prop. **Riceville, Iowa**

"PONTIAC"

"WHERE THE CHAMPIONS COME FROM"

Notwithstanding the fact this name has been a household word for many, many years, it is doubtful if breeders generally recognize, up to this time, the importance it has had in the upbuilding of the breed and the close relationship it bears with the ancestry of nearly every past, present and, without question, future champion.

It has become universally known as the prefix of production. Wherever you find a "Pontiac" you invariably find a great producer, if not a world's champion in her class.

Hengerveld De Kol and Pontiac Korndyke received their life start in this herd. Their descendants through both the male and female lines have perpetuated their good qualities and have established them more solidly with us than can be found in any other herd in the world. It is the descendants of these two marvelous sires that today entirely make up the herd. No other herd in the world can guarantee to you so much of the blood of these two great animals, through succeeding generations.

The bulls we are selling today are proving the superiority of these many infusions of the "Pontiac" blood. They are going out and siring the same sort of great, big, strong, heavy-producing cows—the profitable kind, so characteristic of the line they represent.

The fact the name has lived so long is simply a case of **"Survival of the Fittest."**

"Pontiac" is still in a position to supply the same quality of sires it has supplied for the past 25 years.

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward **PONTIAC, MICHIGAN**

A NAME THAT'S KNOWN THE WORLD AROUND

Buyers Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

BIG RUGGED WHITE YEARLING BULL $275

Born in November, 1917; fit for light service; more than nine-tenths white. This is a show bull and won his share of the prizes where shown the past season. As an individual he borders on perfection. Sire a good young son of Sir Urmagel Burke, a 31-lb. son of De Kol Hengerveld Burke. Dam a 24-lb. cow, sired by a son of the last mentioned sire. This fellow is a beauty and will please those who know what a yearling bull should be. For an immediate sale, f. o. b. here, $275. Extended pedigree, pictures, etc., for those really interested.

BROADHURST HOLSTEIN FARM
Morrisville, N. Y.
(which is in Madison County)

Sold Out of Bulls

More Coming, Though

Poplar Hollow Stock Farm
Bertram D. Scott, Prop.
Sta. F. Minneapolis, Minn.

L. E. CONNELL

REGISTERED HOLSTEINS
ALWAYS FOR SALE

write me your wants before placing your order elsewhere.

FAYETTE, OHIO

A Family Group Offered

One 24-lb. cow, three daughters and three granddaughters; one 27-lb. cow, a daughter with a 14-lb. two-year-old record, and two granddaughters. Another with a 17-lb. 2-year-old record and two of her daughters. All are good individuals, straight and right in every way.

E. W. ANDERS
R. F. D. No. 2 Norristown, Pa.

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

OUR PEDIGREE EXPERT

R. Austin Backus, has already booked a large number of sales for the coming sale season, as pedigree man in the box he knows Holsteins from A to Z and cannot fail to give you satisfaction.

Give him a trial—for further particulars, address

Backus Bros. Pedigree Co.
Mexico, N. Y.

Are You Watching

the sons and daughters of the great producing cow

Diona Konigen Pietertje

Her record	37.44
Her daughter's record	40.153
Another daughter at 4 yrs.	35.935
Another daughter at 3 yrs.	27.09
Her son's daughter at 4 yr.	43.52

4 daughters above 30 lbs.

I am offering some beautiful sons of King Champion, another of Diona's sons at reasonable prices. Write just what you want.

DON J. WOOD
West Winfield N. Y.

Cows, Heifers and Bulls

Registered highly bred stock offered very reasonably by

OTTO BRANDENBURG
Waverly, Iowa

$200 for High Class Yearling Bull

Born Nov. 6, 1917, sired by King of the Changelings, a 33-lb. son of King of the Pontiacs. Dam, Clelia Pauline Abbekerk 2d, an A. R. O. daughter of Changeling Butter Boy and 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne the only 44-lb. three-quarter cow. Bull is nicely marked and ready for service.

FRED A. BLEWER
Maplevale Farms Owego, N. Y.

A 30-lb. Alcartra Bull—For immediate sale we offer a son of King Alcartra Butter Boy, 165964, who was by the $50,000 bull, and from the wonderful 32-lb. 4-yr-old Barbara Pietertje Butter Boy. Dam—Pauline De Kol Queen Hengerveld, 95236, (28.2 lb. butter, 565.1 lb. milk in 7 days; 118.77 lb. butter, 2416.8 lb. milk in 30 days.) This means a 30-lb. average. Born October 30, 1917—dark in color, and a faultless individual ready for service. Price $300.00. This kind goes quick. Address

H. H. Jones Cazenovia, New York

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings. Description and prices sent on application. 800,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs are used by the best breeders in the business. H. A. Meyer, Syracuse.

ADVERTISE

in the

Holstein-Friesian World

HEIFER

Dam—At two years, butter 7 days 14.12 lbs., milk 291.10 lbs.

Sire's dam—At three years, butter 7 days 27.02 lbs., milk 535.90 lbs. His sire's dam is one of three generations of 30-lb. cows.

Born January 5, 1918, well grown, nicely marked, very nice individual. $200 delivered, safe arrival guaranteed. Write for pedigree and picture.

HOBART W. FAY
Mason Michigan

Riverside Stock Farm

King Pontiac Boon Lilith 106026

is one of the best sons of King of the Pontiacs. He is also sire of a fine bull born March 27, 1918. Dam of calf is K H S Pontiac 229689 with a record of 26.44 lb. butter from 403.3 lb. milk testing 5.2 per cent fat as a 4-year-old. Calf is nicely marked, straight as an arrow. Send for pedigree and price to

A. W. BROWN & SONS
West Winfield, N. Y.

FOR SALE

4 heifers 2 years old, 6 heifer calves and 2 male calves—all by 30-lb. sire and dams from 25 to 32 lbs. On account of being crowded for room, will make low price on them.

J. W. GARVEY Thayer, Ill.

Here They Are For $500 Each

A grandson of Colantha Johanna Lad, dam 25½ lbs., sire 31-lb. son of Hengerveld Homestead De Kol, age 16 months. Also a 14-months-old great grandson of Aaggie Cornucopia Pauline. His dam has 31.12 butter and 610.50 lbs. of milk. We also have a well bred three-year-old that we will sell at a very low price.

Write for pedigrees.

EAGLE BAY FARM Silver Creek, N.Y.
F. A. House, Supt.

$100

Buys a nicely marked bull calf whose grandams average 33.26 lb. butter in 7 days.

HAROLD HUBBS
Kirkville, N. Y.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr.
Rochester, Minn.

FOR SALE

A carload of fine registered Holstein cattle at reasonable prices. Fifty head to select from. Senior sire, King Prilly Konigen, son of Diona Konigen Pietertje, 37.44, a brother of K. P. Diona Pietertje, 40.12. Junior sire, King Korndyke Pietertje Veeman, a son of King Korndyke Pietertje Pontiac, an A. R. O. granddaughter of Sir Veeman Hengerveld.

F. A. TINKER — Herkimer, N. Y.

In the Moyer Earlville Sale

January 7-8-9, 1919

We sell 15 daughters of King Segis Alcartra Pontiac, our 32-lb. son of King Segis Pontiac Alcartra. His first two tested daughters, as junior 2-year-olds average better than 22 lb. and these are just as promising. An opportunity of a lifetime to get nice straight promising daughters of a real high class sire.

SUNNYCROFT HERD

C. B. Marshall — Morrisville, N. Y.

THE MADISON-CHENANGO COUNTIES

HOLSTEIN-FRIESIAN BREEDERS CLUB

The Hub of the Hub for Healthy Holsteins

H. C. Wood, Sec.-Treas.
Morrisville — New York

Up-to-date

Typewritten Pedigrees

One Dollar Each

Sale Catalogs, $2.60 per page
For three hundred copies

Give name and number of sire and dam of animals having numbers above 391505 in cows and 216625 in bulls.

F. G. JOHNSTON
37 W. Lane Ave. — Columbus, Ohio

Only One Bull For Sale

And he is a Corker. Sire, a son of a world's record cow, 35.61 lbs. in 7 days; dam, daughter of Aaggie Cornucopia Johanna Lad, with 7, 30-day and yearly records. Averages over 30 lbs. for two nearest dams. Over 16 months old, ready for hard service. Have been holding him at $350. Too much bull not to be heading a herd. Can you use him at $200?

CLOVERDALE FARM
C. S. Lunt, Owner — Charlotte, N. Y.

NOW QUICK

First check for $125 buys a nice straight heifer calf born June 1st, evenly marked. Sire, K K S V Poland, five nearest dams average 33.49 lb. butter 610.56 lb. milk in 7 days. Dam a fine A. R. O. cow with a record of 23.29 lb. butter from 478.3 lb. milk. Crated f. o. b.

F. H. JUDD — Linden, N. Y.

Owing to long-continued illness I have decided to sell immediately part or all of the Lakeside Herd, including heifer calves, yearling heifers, bred heifers, cows and bulls of various ages—several of them from dams with records of 30 to 35 lb. butter in a week. A rare chance for parties who wish to breed a high class herd embracing individuality, breeding and production.

E. A. POWELL

904 W. Genesee St. — Syracuse, N. Y.

---

12 Unbred Yearling Heifers

Finely marked, white predominating. Veeman Pontiac and Korndyke breeding. Also 8 finely marked heifer calves, from a 33-lb. bull, Pontiac and Korndyke dams.

O. B. Mowry, Mexico, N. Y.

PEDIGREES
and
SALE CATALOGS
Compiled from our proven satisfactory system.

Herd Registers
Certificate Envelopes
Booklets : Circulars : Stationery
Special Art and Sign Department
Send for samples and prices

Live Stock Printing Company
La Grange, Illinois

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

SIRED BY A 33-LB. SON OF IT

Here's a youngster born September 20, 1918, more black than white and a great bred one. He is sired by IT REUBEN PONTIAC a son of It and K P Ruby Pietertje a 33-lb. daughter of King of the Pontiacs. The dam of this calf is untested but is sired by a 24-lb. son of King of the Pontiacs from a 20-lb. cow. Price $50. Better write today if you want him.

J. G. KERRICK — Towanda, Penna.

INDIVIDUALLY RIGHT

A SHOW BULL

Sir Veeman Angelique
10 mo. old

One-half white and one of the best you ever saw. He is by a son of Sir Veeman Hengerveld from a daughter of K. K. S. V. His dam is an 18.51-lb. 2-year-old granddaughter of King Korndyke Sadie Vale. Next dam 21-lb. and third dam with 26-lb. He is priced to sell.

P. R. Crothers & Son, Badger, S. Dak.
F. E. Johnson, Hetland, S. Dak.

BRED RIGHT

READY FOR SERVICE

---

10 HEIFER CALVES--$100 to $125 EACH WHILE YOUNG

Handsomely marked fine individuals. Sired by my $3000 son of the world's famous bull, King Segis Pontiac Alcartra, the $50,000 bull from a $1950 daughter of the great century sire, Sir Veeman Hengerveld, sixteen 30-lb. daughters.

Dams of calves are fine large cows of world's record strains, weighing from 1200 to 1600 lbs. each Many have A. R. O. records. Herd tuberculin tested. Send for list of pleased customers and pedigrees. Express paid. Safe arrival guaranteed.

Bull calves $75 up. Cows bred to the above bull $300 up.

FAR VIEW FARMS Tyler Hill, Pa.
C. D. Fortnam, Prop.

LORENZO FARM BULLS

SIRED BY LORENZO PONTIAC KORNDYKE (son of Pontiac Korndyke, from a 31-lb. daughter of Pontiac Korndyke) from dams with records of 24 to 27 lbs.

SIRED BY LORENZO KING OF THE PONTIACS (son of King of the Pontiacs from a 28-lb. daughter of Johanna Rue 3d's Lad; 2d dam a 30-lb. daughter of a 23-lb. cow) from dams with records of 22 to 27 lbs.

The best breeding the breed has ever known at prices that mean quick sales.

LORENZO FARM

CHAS. S. FAIRCHILD, Prop.
E. C. HAVENS, Supt.
Cazenovia, N. Y.

Bull Calf—Born April 16, 1918

Sired by Sir Korndyke Pontiac Artis Jr. with 17 A. R. O. daughters up to 31 lbs. as 3-year-olds. He by Sir Korndyke Pontiac Artis (8 30-lb. daughters) from Maud Veeman Hengerveld, a 30-lb. daughter of Sir Veeman Hengerveld.

Dam of calf is Colantha Lillian Walker with 24.92 of butter from 572.5 lbs. milk. She by Colantha Johanna Lad (20 30-lb. daughters) from Lillian Walker 3d (28.74 lbs.). She by Sir Korndyke Manor De Kol from the famous Lillian Walker (24.04 lbs.). Every dam in this pedigree is above 24 lbs.

WALLACE HOLSTEIN CO. Wallingford, Conn.

Blemished A. R. O. Cows For Sale

We offer two blemished cows with A. R. O. records of 25 and 27 lbs. butter, bred to the only bull whose seven nearest dams are all 30-lb. cows. Priced to sell.

CRESDALE FARM
Vernon, N. Y.

7-8 Holstein Heifer Calves $20 to $25 Each

Express paid in lots of 5. 16 Registered Heifers bred. 17 unbred, 18 cows, ½ from A. R. O. dams. 21 registered bulls 10 to 18 mos. old, 50 grade two-year-old heifers. 25 grade cows due in spring. 25 close springers must be sold to make stable room.

JOHN C. REAGAN, Tully, N. Y.

GIVE THIS THE ONCE OVER

Just Bulls? NO, REGULAR BULLS. Sire, a 34.49-lb. son of S. P. M. and he's got a 42.31-lb. sister. Dams, daughters of Colantha Johanna Champion, a son of Colantha 4th's Johanna, 35.22 lbs., and the only cow with all world's records. Sure champions. Got 30-lb. daughters, five of 'em. World's records in their pedigree and you don't have to hunt to find them, either.

W. J. Gillett & Sons "HOME OF THE JOHANNAS" Rosendale, Wis.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM Myron E. Talcott **Randalia, Iowa**

Bargains in Females

We offer some special bargains in females bred to King Model. We are short of help and want to sell a few.

H. PERKINS & SON Red Creek, N. Y.

HEIFER AND BULL CALVES

Conditions compel us to offer nearly our entire crop of calves both male and female. Many of them sired by a son of King of the Sadie Vales and descendants of K. P. Pontiac Lass on their dam's side. Some of them have yearly record backing. A great opportunity for one wishing to purchase a number of heifer calves all by one sire.

PRICES REASONABLE, BREEDING CONSIDERED
No bulls of service age to offer.

IRVING N. ROE Branchville, N. J.

A Show Bull Sired by King of the Pontiacs

We offer our herd bull, King Pontiac Charity Beets, a 4-year-old son of King of the Pontiacs, from Charity Beryl Beets, a 19.45-lb. granddaughter of Beryl Wayne's Paul De Kol. He is a sure server, a fine individual weighing over a ton. Also have several of his sons from good record dams. Price for quick sale. Photo on request.

BELLEFONT FARMS
PATTERSON & DICKINSON Bellefontaine, Ohio

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY
Syracuse New York

Auctioneer

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER
Algonquin Illinois

AUCTIONEER

Satisfied customers my best advertising. Write or wire early for dates, as I sell nearly every day during the sale season.

GEORGE W. BAXTER
Elmira, N. Y.

WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

Roy L. White, Woodstock, Ill.

"THINK"
COL. D. L. PERRY
The Holstein Auctioneer
I also sell satisfaction
COLUMBUS, OHIO

THE HIGH DOLLAR
For Your Holsteins With
J. E. MACK
Ft. Atkinson, Wis.
IN THE BOX

Go Over the Top With Your Holstein Sale
HESS & HAMMOND
AUCTIONEERS
C. M. Hess, Akron, O.
H. C. Hammond, Copley, O.

W. H. KRAUSE
Wisconsin's Live Wire in Holstein Sales
Write for dates
THORP, WISCONSIN

AUCTIONEER
Livestock
BLACK AND WHITE SPECIALIST

With years of successful selling experience which will assure you of satisfaction and greatest efficiency at your sale ring if you place your dates with

C. FRED PARSONS Oswego, N. Y.

Another Satisfied Customer

Orchard Grove Farms sold. But we still have a bull calf sired by King Korndyke Maud Veeman, by the great King Korndyke Sadie Vale from Maud Veeman Hengerveld, the first 30-lb. daughter of Sir Veeman Hengerveld. The dam of this young bull is by a son of Spring Farm King Pontiac from a 19-lb. 3-year-old daughter of De Gel 3d Sarcastic Lad. He is nearly white and individually hard to fault. Ready for service by Jan. 1st. We have another bull by our herd sire from a cow that made 19-lb. under adverse conditions. Also 4 young nicely bred females—all priced low for quick sale. Write for prices and extended pedigrees.

WILLIAM W. SHANNON
Carthage, N. Y.

BULL CALF
Born March 10, 1918

A fine individual from a good record dam that is also a great yearly producer.
Sire: FAIRMONT PONTIAC ALCARTRA KING. A son of King Segis Pontiac Alcartra and Tiny Fairmont Hartog Pauline, a cow that has three times made better than 32 lbs. with 33.07 lbs. from 645 lbs. milk as her best record.
Dam: CARRIE PET DE KOL CALAMITY 2d with a record of 25.5 lbs. butter from 551 lbs. milk. She is sired by a son of Vale Piebe De Kol. Her dam is Carrie Pet De Kol Calamity with a record of better than 23 lbs. butter from over 550 lbs. milk.
Here is a crackerjack bull for someone.

MAPLE KNOLL FARM
H. D. SEELY — Goshen, N. Y.

GRANDSONS OF K. P.

From good A. R. O. dams and by one of the best individual sons of King of the Pontiacs. They have real quality and are priced right. For information address

Chas. K. Record & Son
Peterboro, Madison Co. — New York

Typewritten Pedigrees

Four generations, each 50c
Three copies 75c
Sale catalogs per page, for 250 copies $2.50
Send name, number, sex and date of birth.
Property owners pedigree blanks and auction bills. Correspondence solicited.

JESSE WARD — Alden, N. Y.

"BULL CALF"

Born June 15. Dam, Lockhart Bessie De Kol 2d No. 150641, milk 583.6, butter 24.85 at three and one half years. Sire, Lockhart King Lilith No. 203078, his dam 31 lbs., his sire's seven nearest dams all 30 lb. cows. Calf is a nice individual, little over one half black, good size. Price $100.00 if taken at once.

One other born March 16, 1918, from same sire. Dam an 18 lb. three year old. Price $125.00. Very light in color. Will be tuberculin tested, crated and delivered at Solsville with papers.

EUGENE LaMUNION, Prop.
LaMunion Holstein Farm, Solsville, N. Y.

NICE LITTLE BULL CALF

Born Oct. 15, 1918. More than ½ white. Dam a 27.5-lb. with a 60 and 30 day record and 4 good A. R. O. daughters. Sire a son of JUDGE LYONS, whose 10 nearest dams average 99.8 lbs. milk per day. 7 nearest dams over 32 lbs. butter. Price $100. Check or Liberty Bond.

JOHN J. WALRATH,
East Springfield, N. Y.

NUWAY

Offers for sale an exceptionally well bred calf. Born April 1918, light in color, sired by K. K. S. V. Pontiac whose 6 nearest dams average over 33 lbs. butter in 7 days. Dam's record 20.78 as junior 3-year-old.

Price $250, with all papers, crated, F. O. B.

D. W. MORRIS & SONS
West Winfield, N. Y.

HOW WOULD YOU BETTER THIS COMBINATION?

A son of King Korndyke Sadie Vale Wayne and **Finderne Wayne Pontiac,** a 25.55-lb. junior 2-year-old daughter of Gordon Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw.

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter.

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON — **Newark Valley, N. Y.**

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113684 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.

L. D. UPHAM, Lebanon, N. Y. — C. S. HOLCOMB, Plymouth, N. Y.

THE GREATEST BULL ON EARTH

SIR ORMSBY SKYLARK—He Sired the Champion Record Cow of the World, Duchess Skylark Ormsby

Sons of Sir Ormsby Skylark from high testing dams for sale. Will also sell my four-year-old junior herd sire, 35-lb. son of Johanna McKinley Segis and Pearl Ormsby Burke.

MAXWELL FARMS — **Waterloo, Iowa**

NORTH STAR HERD—State and Federal Accredited

Bull calves by a sire with an average of 32.56 lb. for his two nearest dams, their records being made as 4-year-olds, from dams noted for Family, Form and Fulfilment. I also have some good sons of Johanna Bonheur Champion, brothers therefore to the Grand Champion at the National this year. Write for charts and prices.

W. S. MOSCRIP — **Lake Elmo, Minn.**

COLLEGE KING SEGIS ALCARTRA 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. ONLY THREE BULLS LEFT. From excellent A. R. O. dams. Just coming into service. Conformation and breeding right. If you want one of these you will have to hurry.

Harvey A. Morrison, President — **UNION COLLEGE**, College View, Neb. — Chas. Williams, Herd Supt.

RENGEDYKE FARM

EUGENE D. HOFELLER
Home of
TIDY ABBEKERK PRINCE 16th

Farm at Water Valley, N. Y. — Business Office Marine Nat'l Bank Bldg., Buffalo, N. Y.

Buy a Victory Bull Calf

Born at the 11th hour of the 11th day of the 11th month, 1918.

Sire—Tidy Abbekerk Prince Hengerveld
One of the best sons of Tidy Abbekerk Prince.
Tidy Abbekerk Prince
9 30-lb. daughters
Zuba Burke Hengerveld
24.01 in 7 days

Dam—Korndyke Pontiac Netherland Betsey
18.03 lb. yearling.
Korndyke Pontiac Pet
With 37.67 lb. dam.
Bessie Netherland Baroness
30.11 in 7 days

This calf is a fine, large individual, nearly white in color, as are its sire and dam. Price for quick sale $90 F. O. B. Sherburne.

HENRY LATHROP & SONS Sherburne, N. Y.

SPECIAL HEIFER SALE

Fifteen or twenty heifers from 8 to 24 months old, 3 bred. Several are granddaughters of Pontiac Korndyke and King of the Pontiacs. Some are from A. R. O. dams. Come and look them over. Farm near Delphi Falls, N. Y.

E. W. FUGGLE
Route No. 2 Manlius, N. Y.

Fairlawn Farm Holsteins

Have size combined with show type and good production. Herd sire, Sir Ormsby Korndyke Mechthilde No. 115312. Brother to the sire of Duchess Skylark Ormsby. Bulls 10 mo. and under for sale out of tested dams with records up to 19 lbs. at 2 years. Also junior champion bull at 3 big shows. 2 years old. Write for prices and pedigree.

J. H. CLEVERLEY Maxwell, Iowa

A. R. O. Cows For Sale

Must sell at once 6 or 8 A. R. O. cows. Five to eight years old. Will price them cheap for quick sale. May be seen at farm near Canastota, N. Y. Address W. E. Bond, Potsdam, N. Y.

Canada Breeds The Best

If You Want More Like
Carnation King Sylvia
The $106,000 Bull
or
Het Loo Pietertje
The $12,750 Heifer
Why Not Go
Where the Top-Notchers are Produced

All information from the Holstein-Friesian Association of Canada.

President—Dr. S. F. Tolmie, M. P., Victoria, B. C., Canada.
Secretary—W. A. Clemons, St. George, Ont., Canada.

4.83% Fat

is the average of the fifty nearest female relatives of my herd sire, Long Beach De Kol Korndyke, No. 85196, whose dam has the following records:

Butter 7 days	30 lbs.
Per cent fat	5.53
Butter 30 days	121 lbs.
Per cent fat	4.98
Butter 7 days (8m division)	23 lbs.
Per cent fat	5.43
Butter 1 yr.	1226 lbs.
Per cent fat	4.59

These records make her the highest testing cow of the breed.

His first ten tested daughters average 4.4 per cent fat, which makes him the highest testing bull of the breed. His baby sons from yearly record cows for sale at $100 and up. Will sell on time or trade for Liberty Bonds.

O. I. C. pigs for sale

David Falconer
Scottville Michigan

FOR SALE

2 sons of King Valdessa whose four nearest dams average 25.88 lbs. and 31.30 lbs. respectively. Dams are mother and daughter and each weighed over 1800 lbs. before calving and were not fat. Also one grandson of Judge Segis out of a 21.25 lb. dam. Dam is now on semi-official test and made over 1100 lbs. of milk in October, the 11th month in test. These bulls are straight and fine looking animals and are ready for service. Other bull calves for sale from official and semi-official dams.

ALLIQUIPPA FARM
Newton Square Pa.

AUCTIONEER

For an auctioneer and one that knows values of both purebred and ordinary livestock, write or wire me early for dates as I sell 95 per cent of all sales in this section of the country.

F. H. HEMBROOK Chetek, Wis.

HERE IS A GOOD ONE

Ready for service, priced right, and will increase in value. His dam is a splendid young daughter of Admiral Gelsche Hamilton (40 A. R. O. daughters). She made 16.25 lb. butter from better than 50 lb. milk per day at just over 2 years. We feel she will double this record as she is a splendid dairy animal. Calf is sired by a 33-lb. son of Sir Johanna Rag Apple De Kol. A handsome individual, little more black than white. Price $250.

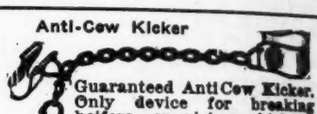
ARCHIE REID, JR.
Janesville, Wis.

Zuyderz Superior Vander Lei

Born Sept. 10, 1917, from a granddaughter of Hengerveld De Kol and backed by Colantha Johanna Lad, Blanche De Kol Hengerveld, 33.20. Pietje 22d, 31.62, Colantha 4th's Johanna, 35.22, and Pietje Vander Lei Lad, the 5.06 per cent fat bull. Won't last long at the price.

ZUYDERZ HOLSTEINS L. B. TAYLOR
Lake Mills, Wis.

Anti-Cow Kicker



Guaranteed Anti Cow Kicker. Only device for breaking heifers or vicious kickers. Indispensable when treating sore teats or udders. Money refunded if not satisfactory. Parcel Post $1.25. The Moore Bros. of Albany, N. Y. 149 Hudson Ave.

Registered Holstein Females

For Sale. Young cows, right in every way, tuberculin tested, to freshen this fall and early winter. Herd sire, Sir Korndyke Segis Beets 4th, from 27-lb. dam, average per cent fat 4.29. Also, daughters of above sire, from one month to two years.

C. E. MOON, R. F. D. 3, Canastota, N. Y.

2 HEIFER CALVES 2

Both are daughters of King Hengerveld Model Fayne Bawn, a son of King Hengerveld Model Fayne and Princess Pietertje Bawn De Kol, a 28.65-lb. daughter of Flint Prince. No. 1 is from an A. R. O. granddaughter of King of the Pontiacs and No. 2 is from a daughter of Segis Hengerveld De Kol who was by a son of King Fayne Segis. Price on No. 1 is $80 and on No. 2 $75. Registered transferred and crated. Satisfaction guaranteed.

Joseph F. Schmit
R 3 Brooklyn Station
Cleveland Ohio

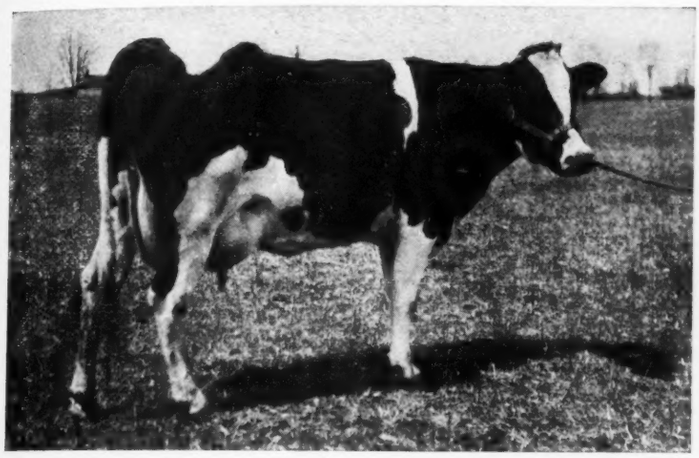
A. R. O. COWS AND HEIFERS

We need more room in our barns and so have to offer a number of cows and heifers for sale. They are backed by several generations of A. R. O. records. Some have records in pedigree up to 41 lbs. butter in 7 days. Most of them are bred to our great King Korndyke Veeman whose two nearest dams average over 37 lbs. butter in 7 days. Write or come and see them.

WISCONSIN STAR STOCK FARMS **Edwin M. Schultz** Hartford, Wis.

America's Quality Herd

Another of Our Great Foundation Cows!



Hillcrest Pontiac Vale

At 6 years, 2 months, 5 days—

Butter 29.02
Milk 530.50

At 4 years, 1 month, 12 days—

Butter (8 mo. after) 18.36
Milk 397.00
Butter 986.25
Milk 22,785.00

BRED BY AND PURCHASED OF

G. A. BRETHEN

Hillcrest Pontiac Vale is one of the greatest producing animals ever developed in the Dominion of Canada. As a four-year-old she made a year record of over 986 lb. butter from over 22,000 lb. milk both records being the highest in the dominion in their class at the time of being made.

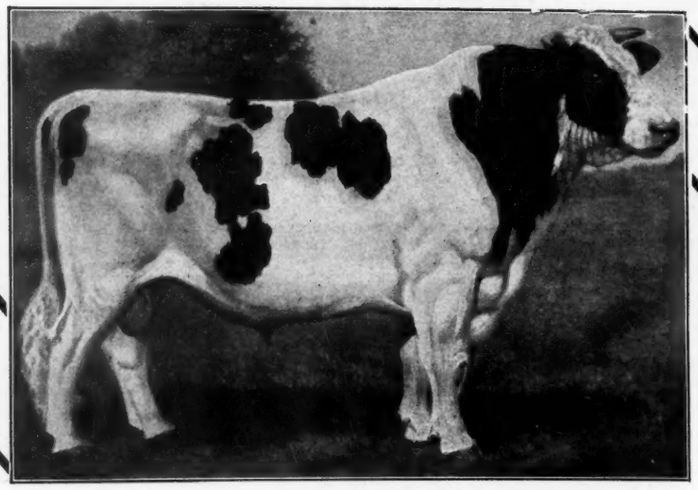
While the photograph, taken by an amateur, is in no way a credit to her it serves to convey a general idea of her wonderful quality. Her udder and veining is most unusual and her general conformation is good enough to place her in the front row of any herd. Her breeding is quite in keeping with her performance. She is sired by Pontiac Hermes, one of the good proven sons of Hengerveld De Kol, while through her dam she traces direct to Sadie Vale Concordia, the first 30-lb. cow of the breed.

We have reason to feel proud of this cow and believe a combination of her blood lines with those of King Valdessa Pontiac will bring us all that could be desired in point of individuality and producing ability.

Bell Farm Herd

JOHN A. BELL, Jr.
Coraopolis, Penna.

A SON



FOR SALE!

King Segis Pontiac Konigen

The 40-lb. bull that has made good. His first sixteen daughters tested show an average production of 22 lbs. of butter and nearly 500 lbs. of milk.

The full sister of King Segis Pontiac Konigen, K. S. P. Diona, at five years made during the hot weather in July (just a beginning) the splendid record of 31.82 lbs. of butter from 582.6 lbs. of milk. She completed another three-generation combination of 30-lb. cows (third largest of the breed).

K. S. P. Diona	K. P. Diona Pietertje	Diona Konigen Pietertje
31.82 lbs. butter	40.12 lbs. butter	37.44 lbs. butter
582.6 lbs. milk	825.60 lbs. milk	610.40 lbs. milk

You will observe that these three generations show an average production of **36.46** lbs. of butter from **672.7** lbs. of milk. **Every animal an excellent individual!**

Every successful breeder, and a great many beginners, appreciate the value of the great producing blood. We are now offering you an opportunity to get this great producing blood by purchasing a Konigen son. HIS DAM is Dutchland Hengerveld Artis who as a young cow made the splendid record of **29.45** lbs. of butter in seven days and **115.79** lbs. of butter from 2251.4 lbs. of milk in thirty days. She is a splendid individual, daughter of Butter Boy Artis De Kol who was sired by De Kol 2d's Butter Boy 3d, the third dam being a daughter of Paul Beets De Kol.

Speaking of producing blood, can you appreciate that we are offering in this youngster the blood of five of the century sires (one a double century sire) as well as the blood of Pietertje Hengerveld's Count De Kol and King Segis, and that the sires on this bull's pedigree have over 100 30-lb. daughters, several above 40 lbs.

Dutchland Konigen Victory Boy

was born August 3, 1918, is light in color, mostly white, and is as nearly perfect an individual as it is possible to breed them. We are offering this calf whose two nearest dams average nearly 35 lbs. for $1000. We had several buyers for the bulls recently advertised. Do you want to buy at farmer prices and sell at farmer prices or would you rather own REAL ones that bring satisfactory prices and splendid returns on the investment? Dutchland Konigen Victory Boy is a REAL one and you will need to act quickly if you want to own him.

FRED F. FIELD
DUTCHLAND
MONTELLO STATION

THE WORLD'S GREATEST DUTCHLAND FARMS

HOLSTEIN CO.
FARMS
BROCKTON MASS.

"THE HOME OF PRODUCING DAMS."